User manual

21554

Video touch screen 4,3in Full Flat.

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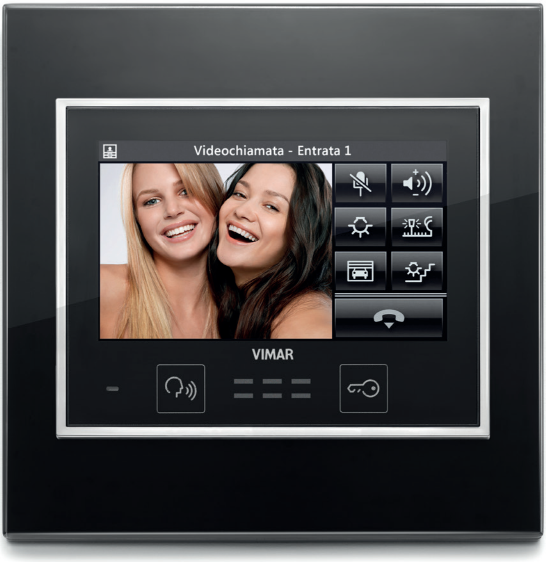
1. THE TOUCH SCREEN VIDEO

The 21554 is a touch screen device comprising a display through which, by the mere touch of the finger on the icons displayed, you can select the home automation system management functions.
The device can also be used as a videophone and is provided with two front buttons that allow voice communication with the interlocutor and the opening of the gate electric.



: **Hands-free answer button**; press once to start the communication and press to end it.

: **Lock command button**; press to activate the electric lock that opens the gate.

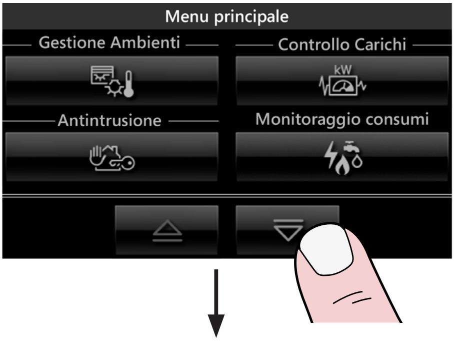
IMPORTANT: When you enable it, start the video touch screen takes about 20 seconds.

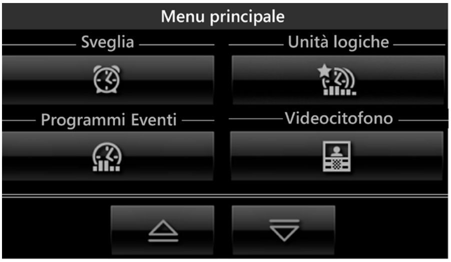
Description - Main menù

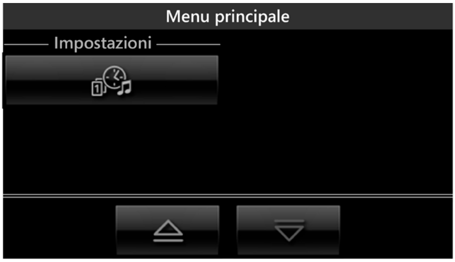
2. DESCRIPTION.

The touch screen include control of lights (on/off/adjustment), shutters, thermostats (traditional and for fan-coil) and scenes; control and monitoring of burglar alarm devices (specially through ‘Partialisation’ menu it is possible to display the state of partialisations; automatic monitoring and control of power consumption of appliances (overload prevention).
The touch screen can also be used as a videophone and manages all functions of the two wire video entry (plaque and display images from cameras, voice communication with the external, intercoms and call buttons, electric opening, intercom call, etc. .).

3. MAIN MENU.

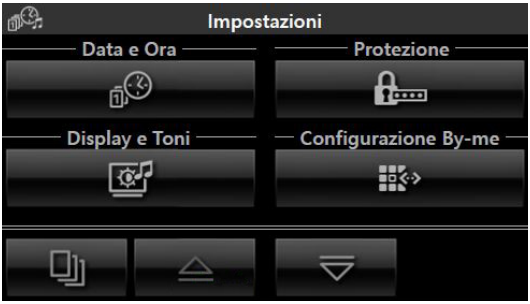

Menu principale
Gestione Ambienti
Controllo Carichi
kW
Antintrusione
Monitoraggio consumi

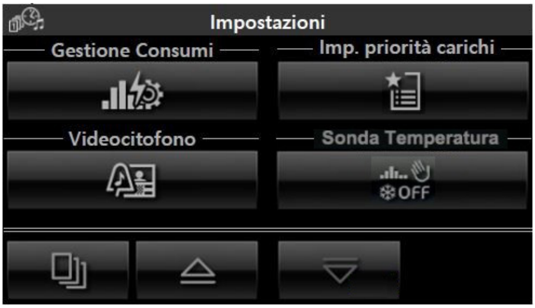

Menu principale
Sveglia
Unità logiche
Programmi Eventi
Videocitofono

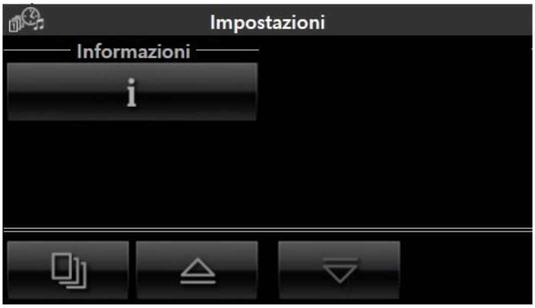

Menu principale
Impostazioni

Main menù

Touching the icon gives access to the Settings menu.


Impostazioni
Data e Ora
Protezione
Display e Toni
Configurazione By-me


Impostazioni
Gestione Consumi
Imp. priorità carichi
Videocitofono
Sonda Temperatura
OFF


Impostazioni
Informazioni
i

- **Date and Time**

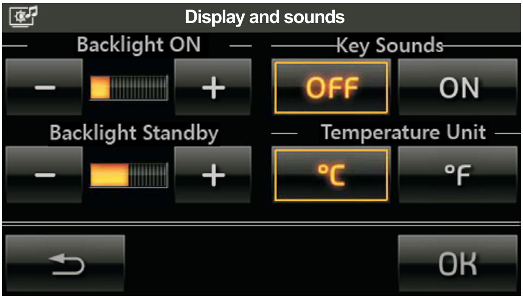
By touching the icon it is possible to adjust the time and date displayed. With the icons + and – set the blinking value until the desired day, month, year and time are shown.

The confirmation of transactions by touching OK .

Main menù

• Display

When the icon is touched the display shows the screen that allows you to adjust the backlighting and the contrast of the display.


Display and sounds
Backlight ON
−
+
Key Sounds
OFF
ON
Backlight Standby
−
+
Temperature Unit
°C
°F
⮌
OK

This is set by holding your finger on the icons until + and − the desired level is reached.

LED Life Time: 20.000 hours (at 25 °C)
The LED life time define as the estimated time to 50% degradation of initial luminous.

• Keys Tone

With the icons ON and OFF it is possible to enable or disable the acoustic signal(beep) which accompanies the touching of the icons displayed by the touch screen.

• Temperature Unit

With the icons °C and °F it is possible to select the unit of measurement with which the touch screen will display the temperature in the various areas of the system.

To confirm the settings made, touch the icon OK.

To return to the previous screen touch the icon ⮌.

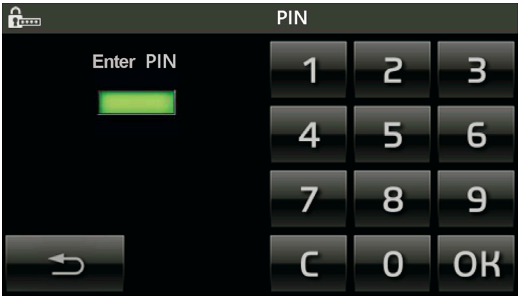
Main menù

• Protection

With this option you set a password (**from 4 to 6 digits**) that inhibits displaying certain pages and therefore all the controls associated with them. This application is useful, for example, to distinguish the use of the video touch screen according to the current user.

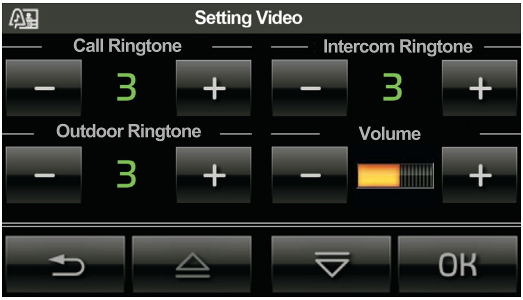
Tap the icon and then the icon to display the page for setting the password (as shown on the following page) and select the page to inhibit.

Tap the icon to edit a previously configured password.


PIN
Enter PIN
1
2
3
4
5
6
7
8
9
C
0
OK

• Video settings

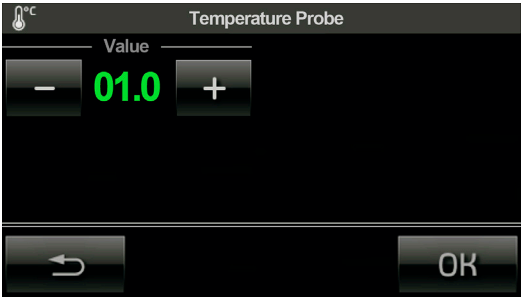
Touching the screen appears that allows you to set the ring type to be combined with various types of calls and adjust volume.


Setting Video
Call Ringtone
−
3
+
Intercom Ringtone
−
3
+
Outdoor Ringtone
−
3
+
Volume
−
+
OK

Main menù

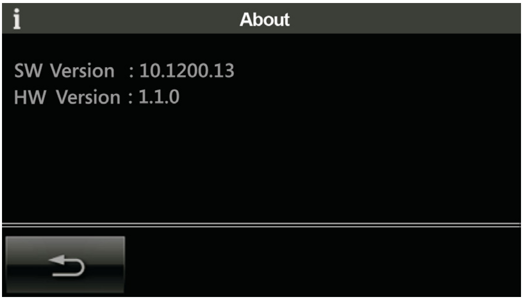
• Temperature probe

By tapping the ❄OFF icon you can, by using + and −, compensate for the value of the temperature measured by the external probe (where applicable).


°C
Temperature Probe
Value
−
01.0
+
OK

• Information

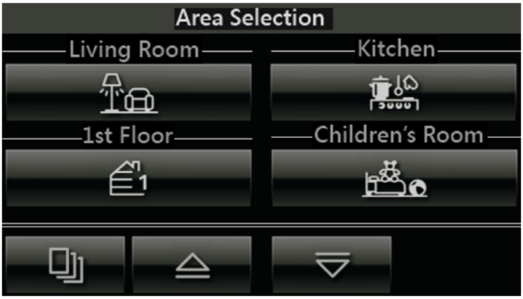
When the icon i is touched the display is shown which gives the software release and the main characteristics of the touch screen.



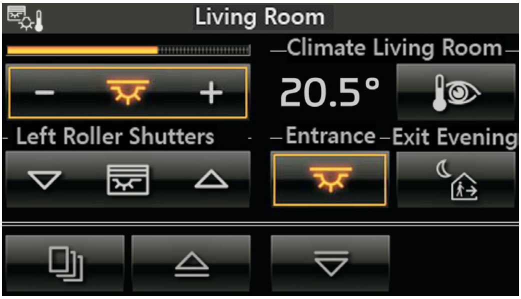
SW Version : 10.1200.13
HW Version : 1.1.0

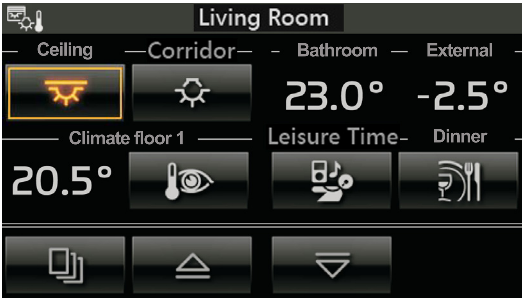
4. AREA MANAGEMENT.

From the main menu, when the icon , is touched the display is shown which allows you to select the different areas of the system and to control the devices associated with them (lights, roller shutters, climate, etc.).


Area Selection
Living Room
Kitchen
1st Floor
Children's Room

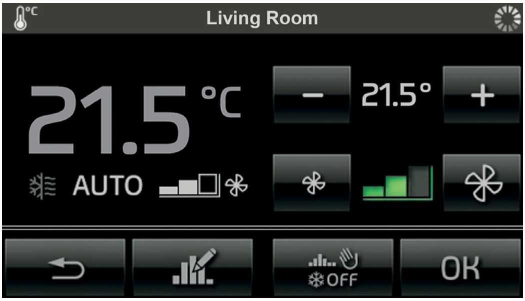
For example, when the icon is touched that corresponds to the area called “Lounge”, the touch screen displays the following screen:


Living Room
Climate Living Room
20.5°
Left Roller Shutters
Entrance
Exit Evening


Living Room
Ceiling
Corridor
Bathroom
External
23.0°
-2.5°
Climate floor 1
Leisure Time
Dinner
20.5°

Area management

- Touching the icon – + switches on/off and adjusts the lighting called “Picture Light”.
- Touching the icon ▽ △ lifts and lowers the roller shutter called “Lounge left roller shutters”.
- Touching the icon gives access to the screen which allows you to adjust the temperature in the area called “Lounge”.
- Touching the icon activates the scenario called “Entrance”; the same applies to all the other icons associated with the different scenarios displayed.
- Touching the icons △ and ▽ scrolls through the whole screen for the groups and scenarios of the selected area.
- Touching the icon gives access to the screens for all the other areas of the system.
- Touching the icon the screen that allows adjustment of the temperature of the environment called "Living Room".



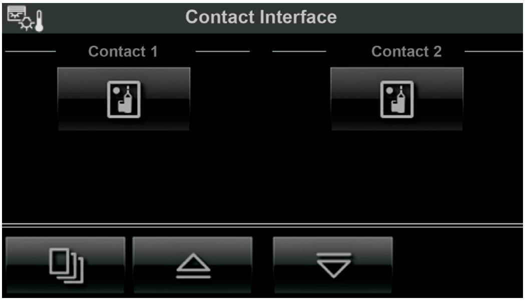
Touching the icon gives access to the screen for editing the automatic program.

Touching the + , and – , icons respectively increase and decrease the set temperature and the speed of the fan-coil.

WARNING - Operation of the icons of activation of the scenarios:
- **Short press: Activate the scenario.**
- **Long press (5 seconds): storage scenario (are stored and overwritten states of the groups involved in the scenario being created).**

Viewing the status of contact and relay interfaces.

If the rooms contain any contact interfaces used to control windows and/or doors and windows, the video touch screen will enable monitoring their status.
For example, should a window have been left open, the icon for the contact interface associated with that window will light up.



4.1 MANAGING MONOCHROMATIC AND RGB LAMPS.

This lights management mode, **which can only be used if the By-me home automation system is equipped with dimmers, dedicated lamps and ballasts**, by switching on/off and controlling brightness, provides efficient lighting in the rooms while ensuring optimization of energy savings.
The new RGB functions (patented by Vimar) enable creating colour changes and elegant, sophisticated light effects. You can also call up scenarios involving different functions in the home automation system such as, for example, combinations of lights and colours matched to your favourite music to create a personalized, comfortable environment.

Managing monochromatic lamps

The monochromatic lamps are managed in the same way as for traditional lighting.

Tapping the − ☼ + icon switches on/off and adjusts the illumination of the associated monochromatic lamps.

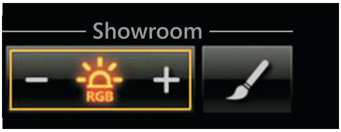
Managing RGB lamps

The video touch screen enables managing switching on/off, adjusting/changing the hue, saturation, and brightness of the RGB lamps and it will also be possible to activate/change the Fading-Show application

Depending on the operating mode, the adjustment icon will be displayed as follows:

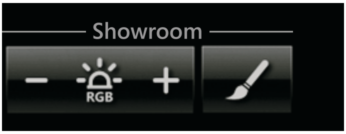
- Lamp ON.

  In this case the degree of illumination is constant (no adjustment) and the colour is fixed.



- Lamp OFF.

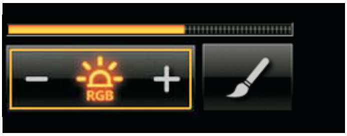
  As above but with the lamp off.



Area management

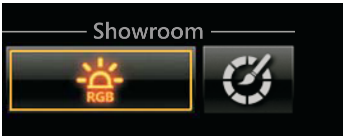
- Lamp under adjustment.

  In this case the degree of illumination is adjustable (level displayed by the scroll bar) and the colour is fixed.

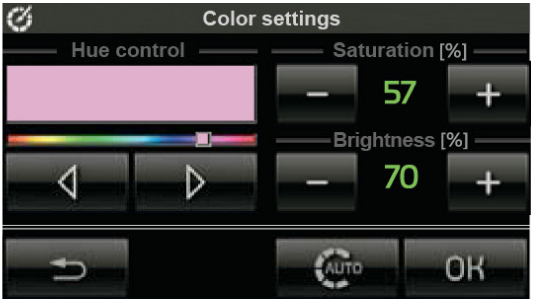


- Lamp ON in Fading-Show mode.

  In this case the lamp is on and it provides the lighting sequence configured.


Showroom
RGB

- Tapping the 🖌 icon opens the screen where you make the colour settings.

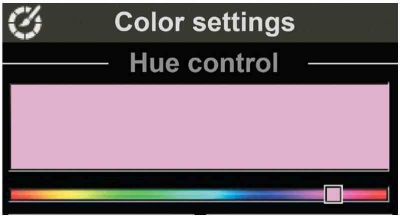

Color settings
Hue control
−
+
◁
▷
AUTO
OK

Saturation [%] 57

Brightness [%] 70

- Using ◁ and ▷ you set the hue (fixed) of the lamp once it is turned on.

The hue displayed will match the position of the cursor in the desired colour.

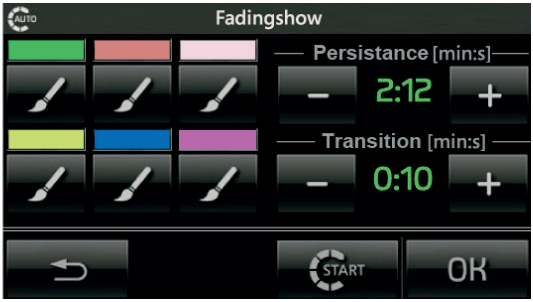

Color settings
Hue control

- To confirm the settings made, touch the icon OK .

Area management

- With − and + on **Saturation** you set the percentage of "vividness" of the colour.
- With − and + on **Brightness** you set the percentage of "contrast" of the colour.
- Tapping OK confirms the settings you have made.

• Tapping the AUTO icon opens the screen where you make the Fading-Show settings.

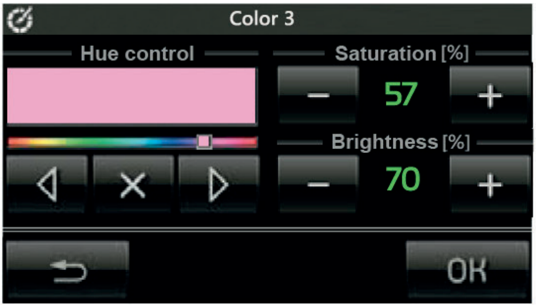


Persistance [min:s] 2:12

Transition [min:s] 0:10

The function of Fading-Show allows to set a cyclical sequence of colors (up to a maximum of 6) for color changes and the play of light in the environments where the lamps are installed RGB.

- With − and + on **Persistance** you set the time during which each of the colors remains fixed.
- With − and + on **Transition** you set the time that elapses between the passage of a gradual color to the next.
- Tapping OK confirms the settings you have made.
- Tapping the 🖌 icon associated with each of the colors that make up the sequence is going to change the color characteristics of that color; in fact will see the following screen:

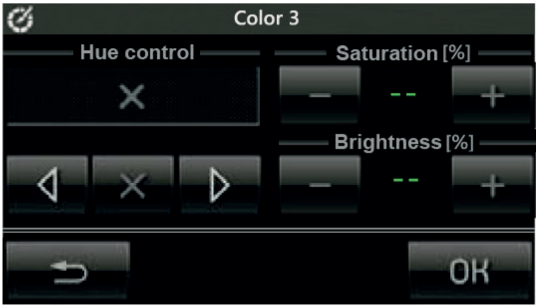


Saturation [%] 57

Brightness [%] 70

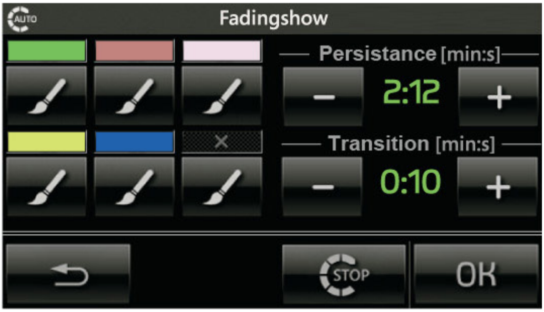
Area management

- With ◁ and ▷ you set the tone of color that will match the position of the cursor to the position desired color.
- With – and + you set **Saturation** and **Brightness**.
- Tapping OK confirms the settings you have made.
- Tapping ✕ you remove the color selected by the sequence of Fading-Show and the screen will become as follows:


Color 3
Hue control
Saturation [%]
Brightness [%]
- -
- -
OK

- Tapping OK confirms the settings you have made.
- Tapping the START icon to activate the sequence Fading-Show just set.

When the sequence is active and you fall into the menu Fading-Show, the screen becomes the following:


AUTO
Fadingshow
Persistance [min:s]
2:12
Transition [min:s]
0:10
STOP
OK

- Tapping the STOP icon will stop the sequence of Faing-Show set.

Area management

Example for setting the Fading-Show with 4 colors.

- With the 🖌 icon set the desired 4 colors; with ✕ remove the 2 colors that you want to include in the sequence.
- With − and + set the **Persistance** and **Transition** (for example, 2 min and 15 s respectively).
- Tapping OK confirms the settings you have made.
- Tapping START to activate the sequence Fading-Show just set.

In the case considered the color remains fixed for 2 minutes then if will start to change up to the next color within 15 seconds.

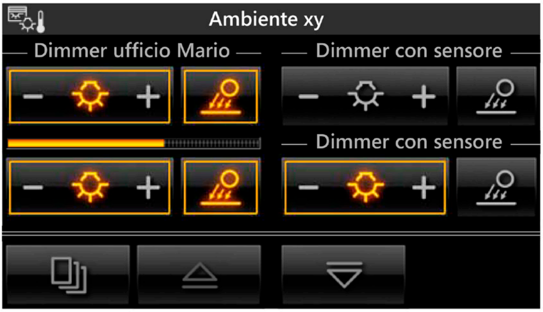
Dimmer feature when it is combined with the "Brightness Sensor"

If the system is fitted with a brightness sensor combined with art. 01467, you can keep the brightness in a room automatically constant according to the value read by the sensor and a brightness setpoint that is set automatically with each adjustment on the dimmer.

The function of keeping the brightness constant can be switched on/off at any time by tapping ; in this case the controls become the same as for any other dimmered lighting point.

This function then allows obtaining energy savings as natural light is used, as long as possible, instead of artificial light for lighting the room.

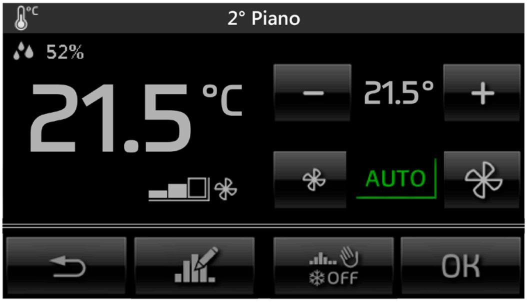
On the touchscreen, the dimmer combined with the brightness sensor can be added to any room screen and the view is similar to the following:



4.2 THERMOSTAT AND TEMPERATURE PROBE

In the touchscreen, at the graphical user interface level, the thermostat and the temperature probe behave in a similar way; it will then display:

- Current temperature.
- Temperature measured by the external sensor connected to the thermostat input (if fitted).
- Relative humidity, measured by the electronic humidity sensor (if fitted).
- Speed of fan coil (if fitted).
- Current setpoint.
- Output status (on, off and, when present, with boost) .
- Alarm symbol of an external probe used as a screed alarm in an underfloor system .

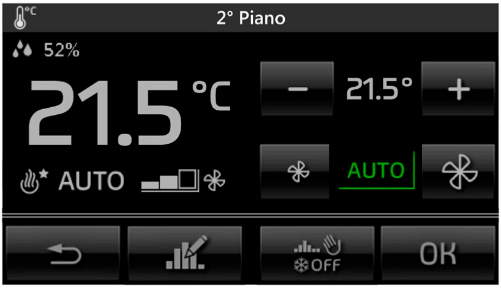


With the touchscreen you can set:

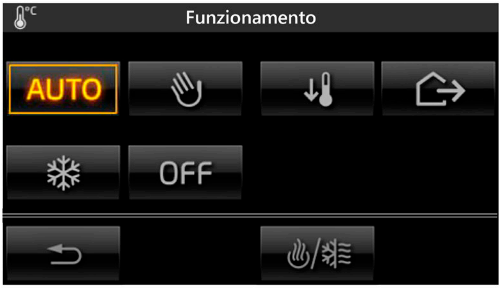
- Seasonal mode SUMMER – NEUTRAL ZONE – WINTER.
- Operating mode.
- Temperature setpoint.
- Fan coil speed (1-2-3 AUTO or setting on a proportional value, in steps of 10%, between 0 and 100% or AUTO) .
- Reading and modifying time program.

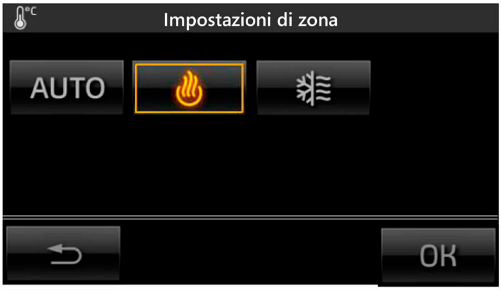
Area management

REFERENCE SCREENS


2° Piano
52%
21.5 °C
AUTO
–
21.5°
+
AUTO
OFF
OK

- Via ❄OFF you can view the screen for setting AUTO, MANUAL, REDUCTION, AWAY and PROTECTION operation (Antifreeze or TooHot depending on the seasonal mode) of the heating/air conditioning system.


Funzionamento
AUTO
OFF


Impostazioni di zona
AUTO
OK

- With ♨/❄ you change the seasonal mode.

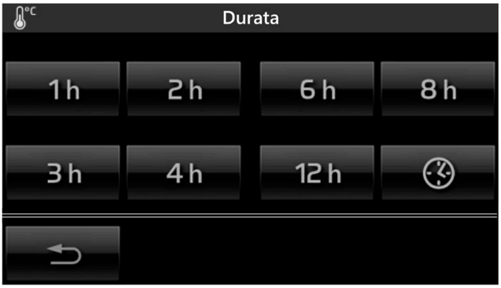
In this case it is possible to choose between “AUTO” or “AIR-CONDITIONING”; vice versa, when on “AUTO” or “NEUTRAL ZONE” you cannot change the operating mode.

Area management

Changing the temperature setpoint value from "**AUTO**" mode automatically switches it to "TIMED MANUAL" mode

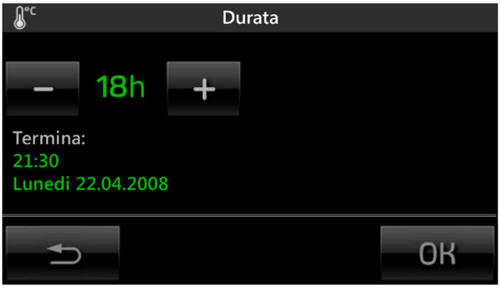
You cannot access “TIMED MANUAL” mode directly, but only from “AUTO” mode after changing the setpoint value.

- Touching ⏲ or ✋⏲ (the latter is displayed on the screen for changing the operating mode) displays the screen and allows you to set the duration of the selected mode:



Durata

You can select a predefined time from the ones offered (from 1 to 12 h) or, by touching ⏲, you access the screen that allows you to set a custom value (in steps of 1 h).



Durata

18h

Termina:
21:30
Lunedi 22.04.2008

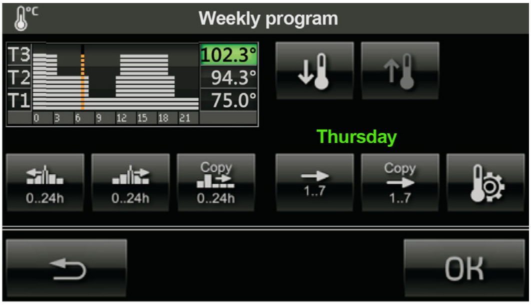
On the main screen, tapping ↩, takes you back to “AUTO” mode where the time and date when I will end the “TIMED MANUAL” mode that has just been set are shown.

If the main screen displays the ⚠ icon, it indicates that the screed alarm is active; this is related to exceeding a temperature limit beyond which damage can occur to a floor system whereby, in such conditions, the affected area is automatically switched “OFF”.

With the touchscreen you can change the HVAC programs for automatic control of the heating and air-conditioning previously configured on the control panel.
The personalization consists, for each day of the week, of setting the value of the temperature levels T1, T2 and T3; in the heating and air-conditioning programs the values T1, T2 and T3 are differentiable.

Touching AUTO activates the automatic program; then touching ✎ brings up the screen for editing the program.

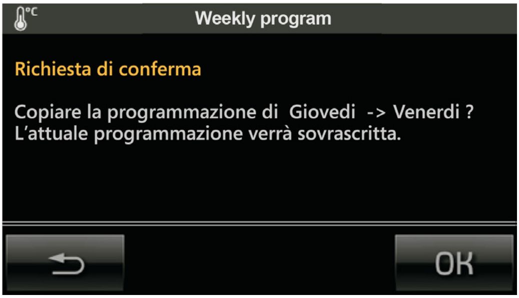
Area management


Weekly program
T3
T2
T1
102.3°
94.3°
75.0°
0 3 6 9 12 15 18 21
Thursday
0..24h
0..24h
Copy 0..24h
1..7
Copy 1..7
OK

- Touching 0..24h and 0..24h selects the time slot for changing the temperature level.
- Touching ↓🌡 and ↑🌡 selects the desired temperature level; the histogram will be updated.

The procedure must be repeated for all the time slots to be changed, then confirm with OK .

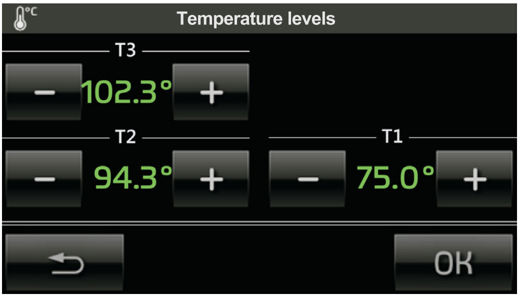
- To copy the setting of the level of a time slot to another one/others, touch the Copy 0..24h icon.
- Select another day of the week by touching 1..7 and proceed as above; using Copy 1..7 it is possible to assign the day displayed with the program of any other day of the week; by touching 1..7 select the day to copy from and confirm with OK.


Weekly program
OK

Richiesta di conferma

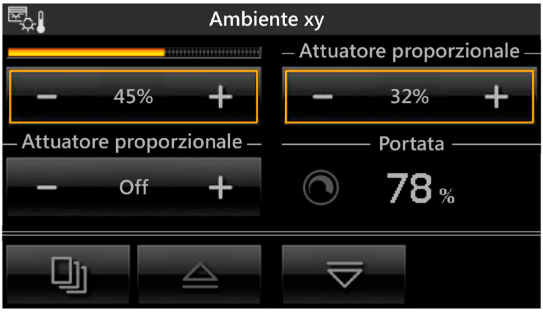
Copiare la programmazione di Giovedi -> Venerdi ?
L'attuale programmazione verrà sovrascritta.

- Touching 🌡⚙ displays the screen used to change the value of the temperature levels T1, T2 and T3.


Temperature levels
T3
102.3°
T2
94.3°
T1
75.0°
OK

4.3 OTHER TYPES OF ADJUSTMENTS

The touchscreen lets you make other types of proportional adjustments that are not necessarily related to the lighting; a viewing example can be as follows:

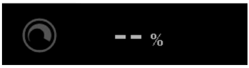

Ambiente xy
Attuatore proporzionale
45%
32%
Attuatore proporzionale
Portata
Off
78 %

On in the
adjustment phase

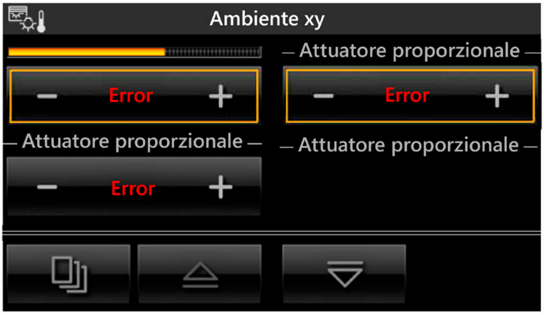
Adjustment OFF

ON normal

Viewing only

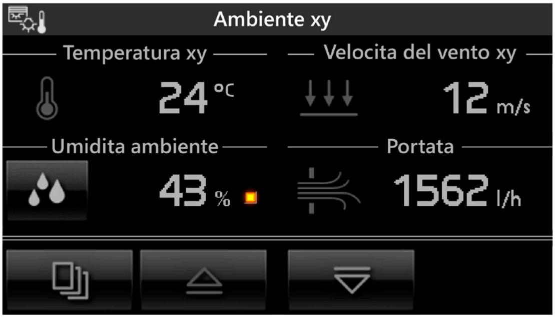
If the actuator is OFF, the display will show: .

If there is a fault on the output that you are adjusting, the associated control will display a specific warning instead of the adjustment value:


Ambiente xy
Attuatore proporzionale
Error
Error
Attuatore proporzionale
Attuatore proporzionale
Error

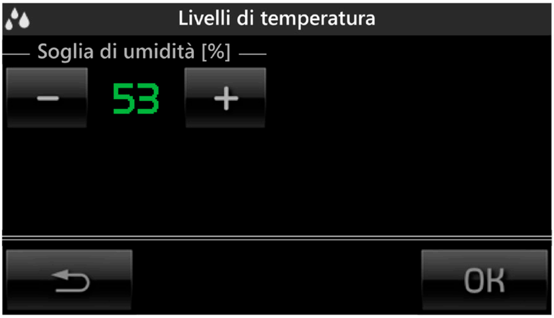
Area management

If the system includes the device with 3 analogue inputs 01467 which is connected to a dedicated sensor, the room control screens may display one or more instantaneous values of different variables measured by the sensor. The variables that can be viewed, which can be brightness, wind speed, barometric pressure, relative humidity, air quality, air flow, voltage, electric current, power, amount of rainfall and temperature, are shown as follows:


Ambiente xy
Temperatura xy
24 °C
Velocita del vento xy
12 m/s
Umidita ambiente
43 %
Portata
1562 l/h

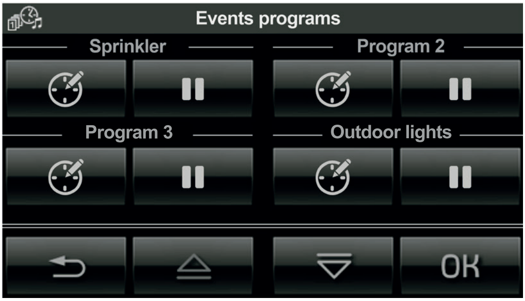
If the displayed variable is relative humidity and when envisaged by the system, you can set a setpoint on exceeding which a special alarm will be displayed, and activated when needed.
On the previous screen, notice that the ON/OFF output status indicator linked to it may be absent if the humidity control is disabled on the setpoint adjustment screen.

Tapping 💧 displays the screen for setpoint adjustment (minimum value 20% - maximum value 80%) and for switching the output control on/off:


Livelli di temperatura
Soglia di umidità [%]
–
53
+
OK

5. EVENTS PROGRAMS.

From the main menu, touching the icon shows the screen that allows you to change the automated functions previously configured on the control panel.



The Events Programs menu enables:

- stopping and restarting the selected event manually;
- changing the event on and/or off times.

- Touching ⏸ stops the desired program and the icon is illuminated; to restart it simply touch the icon again.
- Touching displays the screen that allows you to change the event on and/or off times.

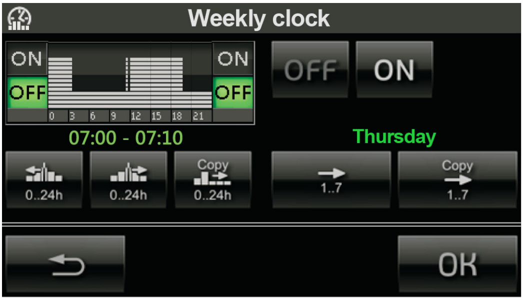
The times can be changed according to the following time modes:

- Weekly clock;
- Period clock;
- Cyclical clock;
- Timing.

Events Programs

■ **Weekly clock.**

Enables, for every day of the week, setting activation of the event at intervals of 10 minutes (minimum time).



Weekly clock

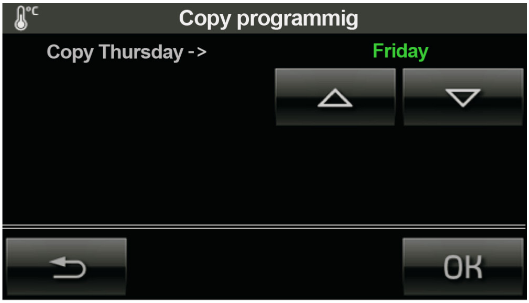
07:00 - 07:10

Thursday

Touching 0..24h and 0..24h selects the desired range; the ON option activates the program for 10 minutes while OFF deactivates it (the histogram will be updated).

The procedure must be repeated for all the ranges to be changed and lastly confirm with OK .

- To copy the setting of one range to another one/others, touch the Copy 0..24h icon.
- Select another day of the week by touching 1..7 and proceed as above; using Copy 1..7 it is possible to assign the day displayed with the weekly clock of any other day of the week; select the day to copy from with △ and ▽ and confirm with OK.



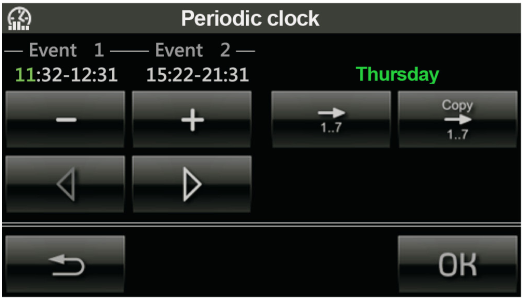
Copy programmig

Copy Thursday -> Friday

Events Programs

■ Period clock.

Enables activating and deactivating the event at most two times each day of the week setting the time in steps of 1 minute.



Periodic clock

Event 1 — Event 2

11:32-12:31 15:22-21:31

Thursday

Select the desired day of the week with the → 1..7 icon.

Touching + and – sets the beginning and end time of each of 2 events or of just one.

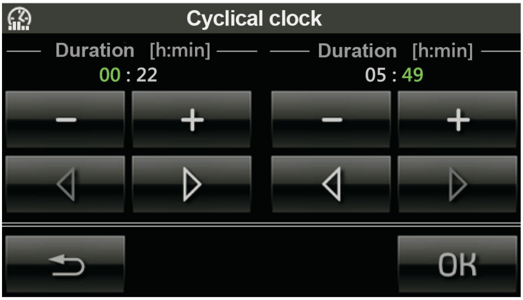
N.B. To delete an event, set the end time so it coincides with or is prior to its starting time. Deleting Event 1 also deletes Event 2.

- The Copy → 1..7 icon enables copying the program of a day that has already been set onto another one to set; the procedure is similar to the one used for the weekly clock.

At the end, confirm the settings made by touching OK .

■ Cyclical clock.

Used to cyclically repeat the activation/deactivation (On-Off) of an event according to the set duration and independently of the day, date and time.



Cyclical clock

Duration [h:min] 00 : 22

Duration [h:min] 05 : 49

Set the ON duration (h:min) with + and – .

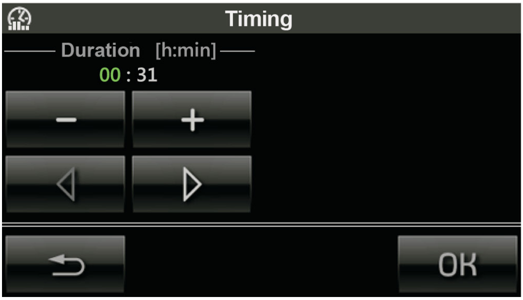
Events Programs

In similar manner, set the OFF duration (h:min).

At the end, confirm the settings made by touching OK.

■ Timing.

Used to set the duration of the program in hours and minutes.
This function must always be linked to 1 or 2 inputs and 1 or 2 output groups through an On-Off or Off-On type message.
The control unit sends the first command when the event occurs and the second when the set time has elapsed.



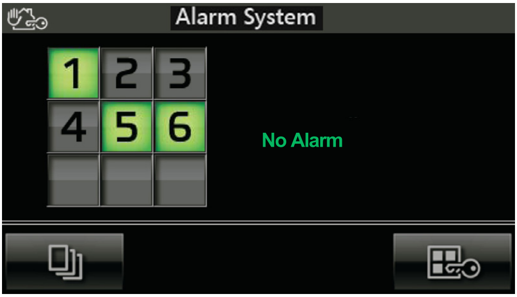
Duration [h:min]
00 : 31

Set the duration (h:min) with + and −.

At the end, confirm the settings made by touching OK.

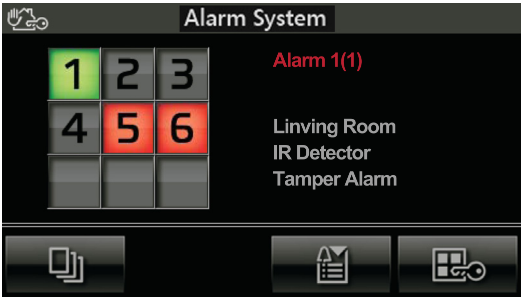
6. BURGLAR ALARM.

From the main menu, touching the icon displays the screen which allows you to view the status of the burglar alarm system and to switch the system on/off. For example, the partialized active system screen (the green colour represents active partialization) is of the type:



No Alarm

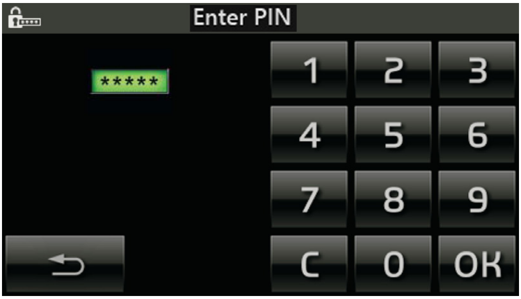
while the alarm system screen (the red colour represents the zones in alarm) will be of the type:



Alarm 1(1)

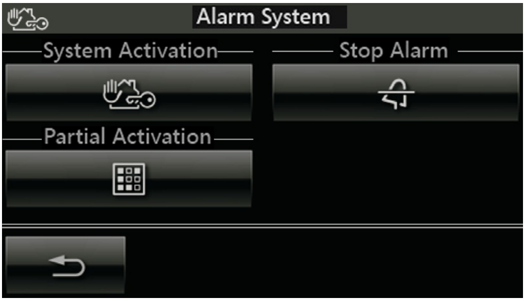
Linving Room
IR Detector
Tamper Alarm

The touch screen allows the burglar alarm system to be switched on/off with modes similar to those of the digital keypad and therefore by typing in PIN codes; the screen is as follows:

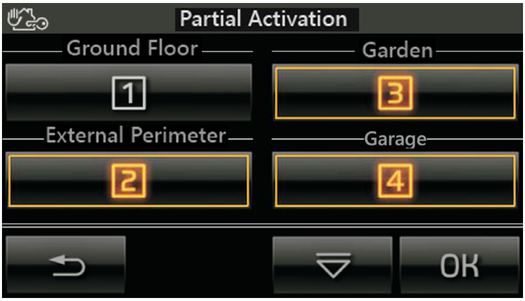


Burglar alarm

Once the PIN code has been typed in, the touch screen will display the following screen:


Alarm System
System Activation
Stop Alarm
Partial Activation

- Touching the activates/deactivates all the functions associated with the PIN entered.
- Touching the gives access to screens allowing individual functions to be activated/deactivated.
- Touching the icon deactivates the acoustic signal of the current alarm.

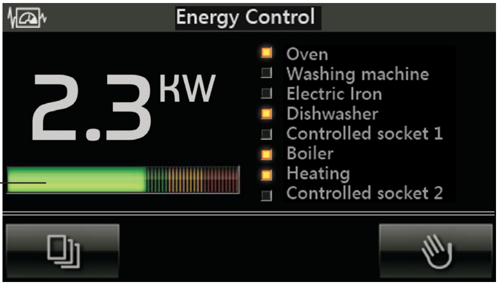

Partial Activation
Ground Floor
1
Garden
3
External Perimeter
2
Garage
4
OK

To include an area in partialization, it is sufficient to touch the corresponding icon and the edge of the latter will become yellow in colour.

To confirm the settings made, touch the icon OK .

7. LOAD CONTROL.

From the main MENU, tapping the icon takes you to the screen where you can view the status of the controlled loads and the power consumption.

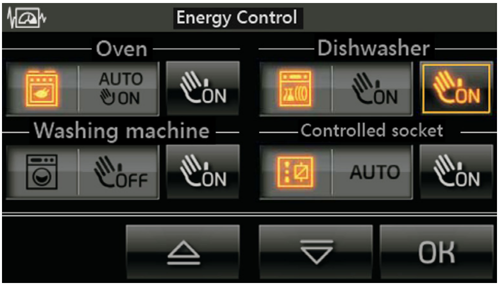


Indicator of consumption with respect to the thresholds. If you have the full-scale production changes dynamically, taking into account the energy produced.

Energy Control
2.3 KW
■ Oven
☐ Washing machine
☐ Electric Iron
■ Dishwasher
☐ Controlled socket 1
■ Boiler
■ Heating
☐ Controlled socket 2

Dynamic Mode: Pressing the area that displays the instantaneous power for 2 min after the reading of the will value every 2 s thus increasing the frequency of update of the data represented. At the end of 2 min, the reading will repeat every 30 seconds until an eventual new pressure.

- Tapping displays the screen with which you can force the loads.

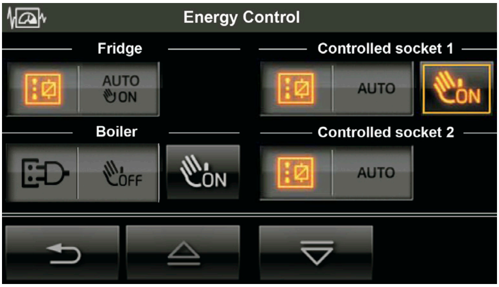


Energy Control
Oven
AUTO ON
ON
Dishwasher
ON
ON
Washing machine
OFF
ON
Controlled socket
AUTO
ON
OK

Load control

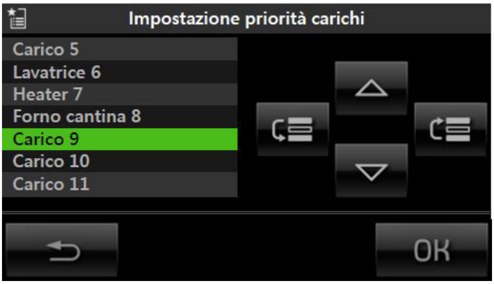
- Tapping the ON icon corresponding to the desired load, forces that load.

The above icon is only displayed if the load can be forced. During configuration your installer will set which loads can be forced and which cannot (see an example of the screen below).


Energy Control
Fridge
AUTO
ON
Controlled socket 1
AUTO
ON
Boiler
OFF
ON
Controlled socket 2
AUTO

■ Setting load priorities

This function lets you change the order in which the individual loads, previously set via the control unit during configuration in the load control module, are cut off when necessary.


Impostazione priorità carichi
Carico 5
Lavatrice 6
Heater 7
Forno cantina 8
Carico 9
Carico 10
Carico 11
OK

- Tap △ and ▽ to select the load whose priority you want to change and with ⇐≡ and ⇐≡ you assign the new priority.

To confirm the settings made, tap OK .

8. ENERGY MONITORING.

From the main menu, tap the icon and you access the menu that, depending on the structure of the system, displays the following options:

- **Global consumption** (always present)
- **Energy production** (optional)
- **Energy flows** (optional)
- **Pulse counter** (optional) from 1 to 8 (for example cold water, gas, etc.)
- **Single load** (optional) from 1 to 8 (for example fridge, boiler, etc.)

8.1 GUIDE TO NAVIGATING THE SCREENS

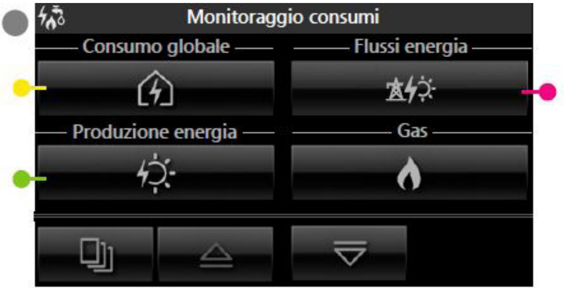
The purpose of this section is to provide the user with a complete, intuitive graphical guide, which illustrates navigation among the screens of the touch screen dedicated to energy management.

The legend is as follows:

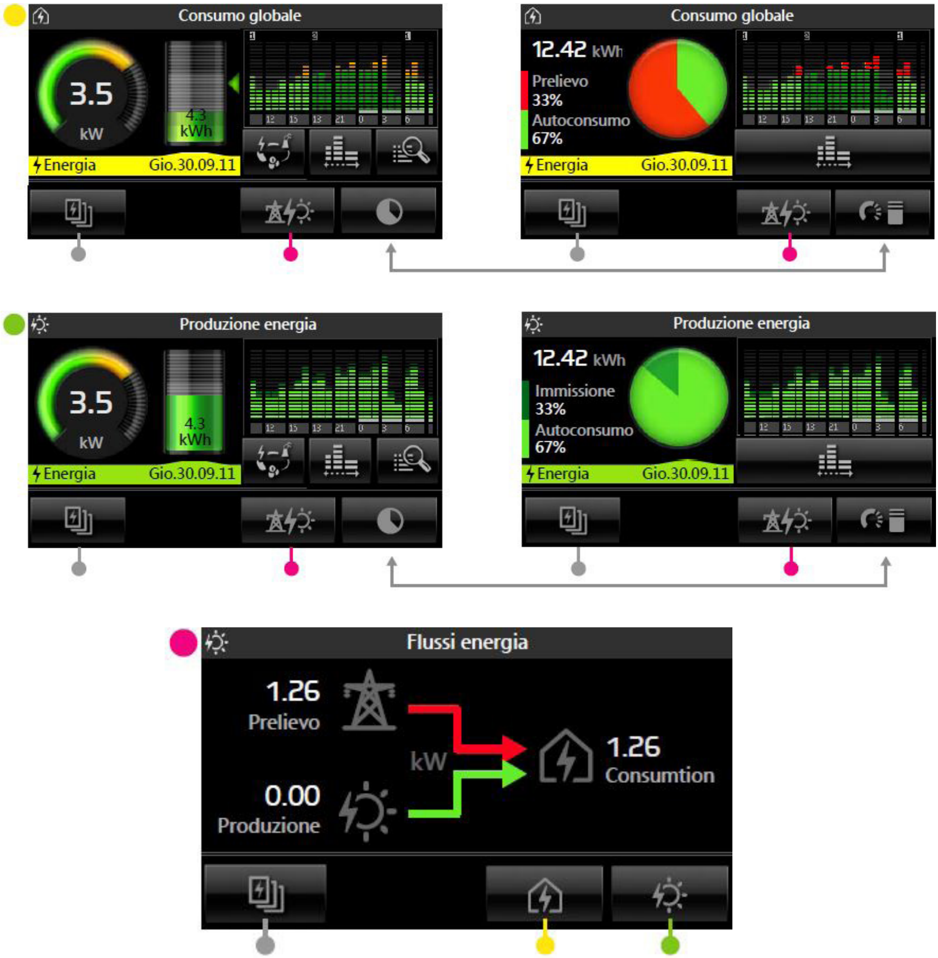
- ● : Main menu for **Consumption Monitoring**
- ● : Details of **Global consumption**
- ● : Details of the **Production**
- ● : Screen for the **Energy flows**

- On the screen for **Global consumption** : Estimated tap-off/self-consumption

- On the screen for **Energy production** : Estimated feed-in/self-consumption



Energy monitoring


Consumo globale
3.5
kW
4.3
kWh
Energia
Gio.30.09.11
12
15
18
21
0
3
6
Consumo globale
12.42 kWh
Prelievo
33%
Autoconsumo
67%
Energia
Gio.30.09.11
Produzione energia
3.5
kW
4.3
kWh
Energia
Gio.30.09.11
Produzione energia
12.42 kWh
Immissione
33%
Autoconsumo
67%
Energia
Gio.30.09.11
Flussi energia
1.26
Prelievo
0.00
Produzione
kW
1.26
Consumtion

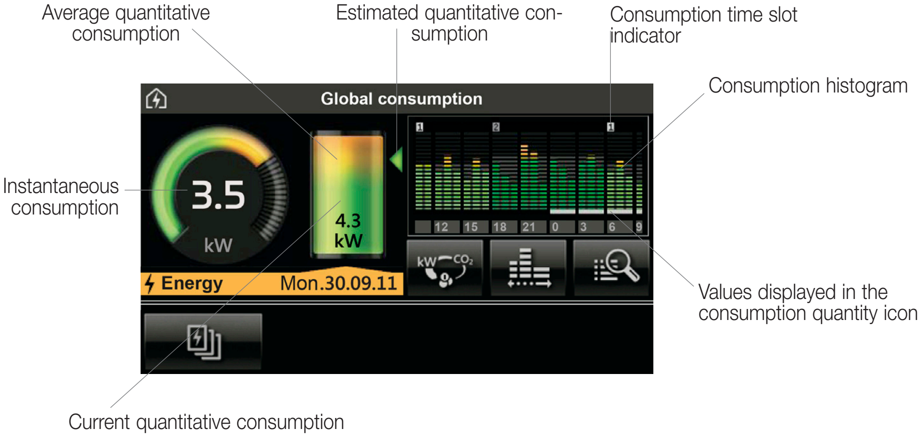
8.2 GLOBAL CONSUMPTION

Tapping brings up the screen for viewing and managing the energy consumption of the house (Energy Guard) with:

- an indication of the instantaneous power in kW or CO_2 or cost in euro;
- an indication of the accumulated energy in kW/h or CO_2 or cost in euro;
- a bar chart of the accumulated energy in kW/h subdivided by day/week/month/year

Green indicates a value below the average, orange a value above the average and the grey background indicates the average.

Energy monitoring

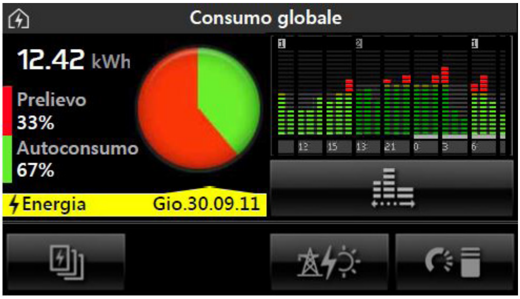

Average quantitative consumption
Estimated quantitative consumption
Consumption time slot indicator
Consumption histogram
Instantaneous consumption
Values displayed in the consumption quantity icon
Current quantitative consumption
Global consumption
3.5
kW
4.3
kW
1
2
1
12
15
18
21
0
3
6
9
kW
CO₂
Energy
Mon.30.09.11

Dynamic Mode: Pressing the area that displays the instantaneous power for 2 min after the reading of the will value every 2 s thus increasing the frequency of update of the data represented. At the end of 2 min, the reading will repeat every 30 seconds until an eventual new pressure.

IMPORTANT: The displayed value (in euro) is approximate: it is the equivalent in € of the energy consumed and is not directly comparable to the total amount of the bill, which takes account of fixed costs, any increases in energy prices during the two-month period and adjustments.

- Tapping the icon displays, sequentially and in a loop, the data for energy consumption (in kWh), emissions of greenhouse gases (if this feature has been enabled by the installer) and costs.

- Tapping the icon displays another screen that, by means of a pie chart and a series of histograms, indicates the percentage of tapped-off energy and self-consumed energy of the total represented by the energy consumed.


Consumo globale
12.42 kWh
Prelievo
33%
Autoconsumo
67%
Energia
Gio.30.09.11
1
2
1
12
15
18
21
0
3
6

- Tapping the icon again displays the screen for **Global consumption** given at the beginning of the page.

Energy monitoring

- By tapping the 📊 icon you can change the reference time interval (daily, weekly, monthly and yearly) for the bar chart of the production log.

The quantitative consumption displayed is:

- **daily** if the time scale set for the consumption histogram is in hours;
- **weekly** if the time scale set for the consumption histogram is in days;
- **monthly** if the time scale set for the consumption histogram is in weeks;
- **yearly** if the time scale set for the consumption histogram is in months.

The parts of the histogram highlighted at the bottom by a white line represent the values displayed in the quantitative consumption icon.

- ■ CONSUMPTION HISTOGRAM

The graphic representation of the consumption histogram varies depending on the type of contract made.

Time slot contract

- Average consumption: displayed in grey
- Actual consumption: displayed in green.

To represent the three possible time slots, different shades of green are used going from pale green for slot 1 to dark green for slot 3.
If the average consumption is exceeded, the histogram bar will turn yellow.

- If the set time scale is in hours, at the top left of the histogram a number is displayed that indicates the time slot.

Threshold contract

- Average consumption: displayed in grey.
  This value represents the threshold of the expected consumption.
- Actual consumption: displayed in green (single shade).
  The bar of the histogram turns yellow if the threshold is exceeded.
- Exceeding the monthly **threshold** is signalled by a small red icon that appears above the bars of the histogram (the icon is displayed from the moment when the threshold is exceeded until the end of the month).

- ■ QUANTITATIVE CONSUMPTION ICON

in this case, too, the graphic appearance of the icon varies according to the type of contract made.

Time slot contract

- Average consumption: displayed in grey
- Estimated consumption: green ◀ icon.
- Actual consumption: displayed in green.
  To represent the three possible time slots, different shades of green are used going from pale green for slot 1 to dark green for slot 3.
  If the average consumption is exceeded, the icon will turn yellow.

Threshold contract

- Average consumption: displayed in grey.
  This value represents the threshold of the expected consumption.

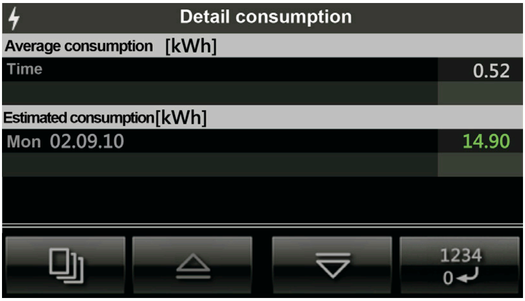
Energy monitoring

- Actual consumption: displayed in green (single shade).
  The icon turns yellow if the threshold is exceeded.
- Exceeding the monthly **threshold** is signalled by a small red icon that appears above the icon Quantitative consumption (this happens only if the monthly consumption is displayed).

• Tapping the 🔍 icon displays the detailed consumption screens according to the set unit of measurement and time scale.

It is possible to manage electric power supply contracts with 1, 2 or 3 time slots or threshold contracts, for which there is a monthly maximum of energy consumption (beyond which the cost of the energy increases).

Finally, for three phase systems only, at the end of the third screen the percentage distribution of the energy accumulated by each phase is displayed.



Detail consumption

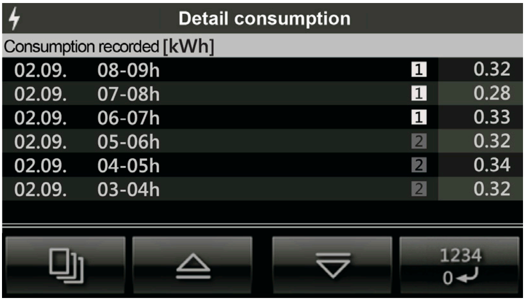
Average consumption [kWh]

Time 0.52

Estimated consumption[kWh]

Mon 02.09.10 14.90

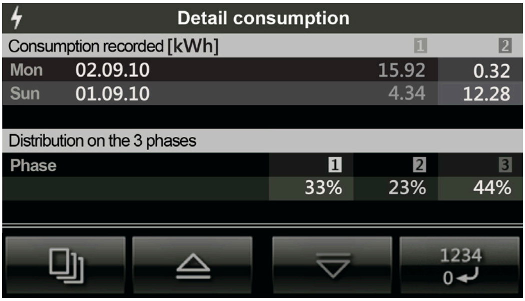
Energy monitoring



Detail consumption

Consumption recorded [kWh]

02.09.	08-09h	1	0.32
02.09.	07-08h	1	0.28
02.09.	06-07h	1	0.33
02.09.	05-06h	2	0.32
02.09.	04-05h	2	0.34
02.09.	03-04h	2	0.32



Detail consumption

Consumption recorded [kWh]		1	2
Mon	02.09.10	15.92	0.32
Sun	01.09.10	4.34	12.28

Distribution on the 3 phases

Phase	1	2	3
	33%	23%	44%

- The 1234 0↵ icon is used to clear the data displayed on the screen.

8.3 ENERGY PRODUCTION

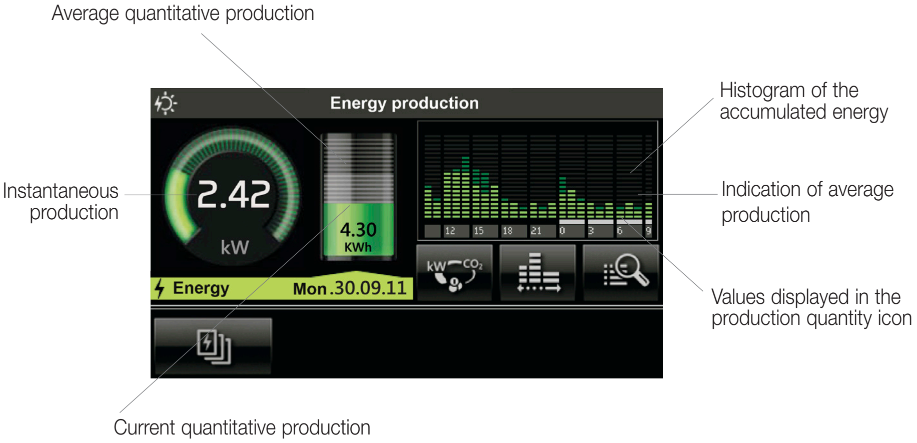
When present, tapping ☼ brings up the screen for viewing and managing the energy production of the house with:

- an indication of the instantaneous power generated in kW or CO_2 or cost in euro;
- an indication of the accumulated energy generated in kW/h or CO_2 or cost in euro;
- a bar chart of the accumulated energy generated in kW/h or CO_2 or cost in euro subdivided by day/week/month/year.

Dark green indicates the energy produced and light green indicates the auto-consumption.

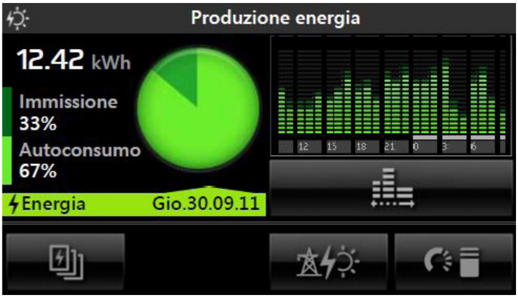
N.B. Obviously, the value represented by light green will never be greater than that represented by dark green (at most they can be equivalent).

Energy monitoring


Average quantitative production
Histogram of the accumulated energy
Instantaneous production
Indication of average production
Values displayed in the production quantity icon
Current quantitative production
Energy production
2.42
kW
4.30
KWh
Energy
Mon .30.09.11
12
15
18
21
0
3
6
9
kW
CO₂

Dynamic Mode: Pressing the area that displays the instantaneous power for 2 min after the reading of the will value every 2 s thus increasing the frequency of update of the data represented. At the end of 2 min, the reading will repeat every 30 seconds until an eventual new pressure.

- Tapping the icon displays, sequentially and in a loop, the data for energy consumption (in kWh), emissions of greenhouse gases (if this feature has been enabled by the installer) and costs.
- Tapping the icon displays another screen that, by means of a pie chart and a series of histograms, indicates the percentage of fed-in energy and self-consumed energy of the total represented by the energy produced.

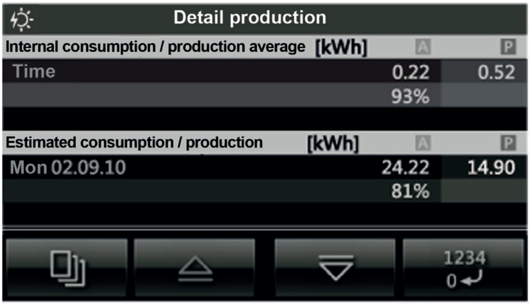

Produzione energia
12.42 kWh
Immissione
33%
Autoconsumo
67%
Energia
Gio.30.09.11
12
15
18
21
0
3
6

- Tapping the icon again displays the screen for **Energy production** given at the beginning of the page.
- By tapping the icon you can change the reference time interval (daily, weekly, monthly and yearly) for the bar chart of the production log.

Energy monitoring

The quantitative production displayed is:
- daily if the time scale set for the histogram is in hours;
- weekly if the time scale set for the histogram is in days;
- monthly if the time scale set for the histogram is in weeks;
- yearly if the time scale set for the histogram is in months.

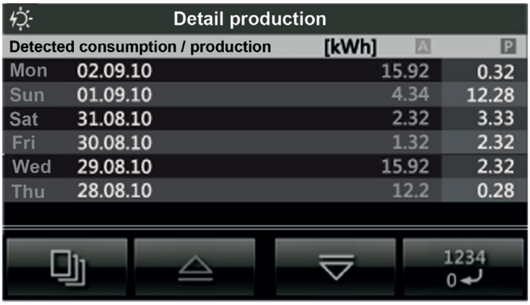
• Tapping the icon displays the detailed production screens according to the set unit of measurement and time scale.



Detail production

Internal consumption / production average [kWh]	A	P
Time	0.22	0.52
	93%	

Estimated consumption / production [kWh]	A	P
Mon 02.09.10	24.22	14.90
	81%	



Detail production

Detected consumption / production	[kWh]	A	P
Mon	02.09.10	15.92	0.32
Sun	01.09.10	4.34	12.28
Sat	31.08.10	2.32	3.33
Fri	30.08.10	1.32	2.32
Wed	29.08.10	15.92	2.32
Thu	28.08.10	12.2	0.28

The screens detailing the production of energy show:
- the average production, average hourly (or daily/weekly/monthly) auto-consumption in kW/h and the percentage ratio of the former to the latter;
- the daily (or weekly/monthly/yearly) estimated production and auto-consumption in kW/h and the percentage ratio of the former to the latter;
- the hourly (or daily/weekly/monthly) production and auto-consumption in kW/h,

• The 1234 0↵ icon is used to clear the data displayed on the screen.

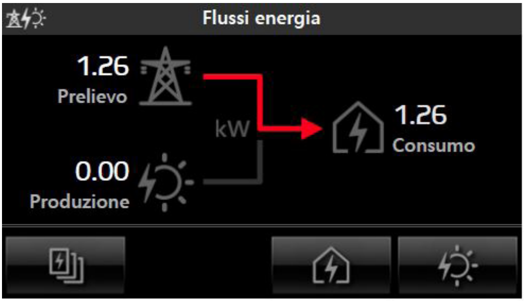
8.4 ENERGY FLOWS

The energy flow screens quickly and intuitively show the energy exchanges in progress and let you at any time see the state of your consumption, production and any tapping off from or feeding in to the power grid.
The direction of the arrows indicates the direction of the energy while their colour indicates respectively:

- 🟩 : Energy fed in
- 🟩 : Energy self-consumed
- 🟥 : Energy tapped off
- ▬ : No energy exchange

If both are present, "tap-off" and "feed-in" are displayed alternately according to the direction of energy.

The following are some of the screens that appear most frequently:



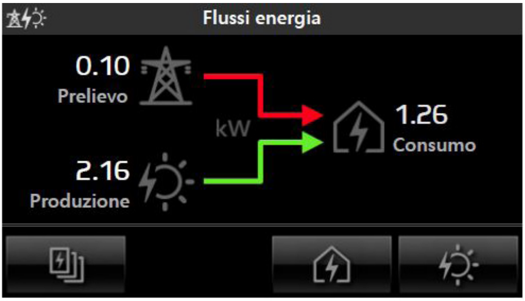
Flussi energia

1.26 Prelievo

kW

0.00 Produzione

1.26 Consumo



Flussi energia

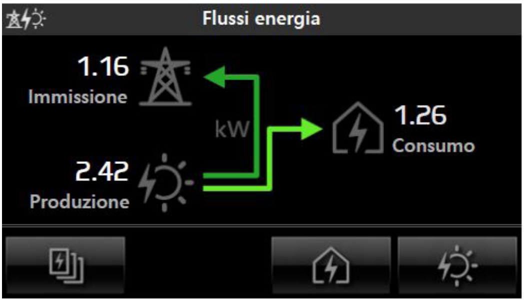
0.10 Prelievo

kW

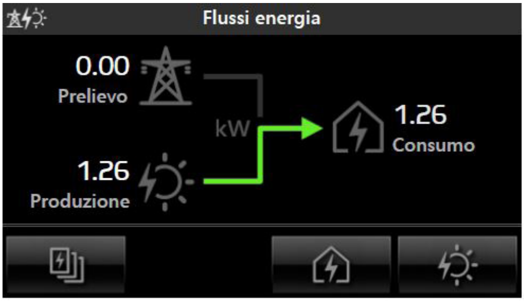
2.16 Produzione

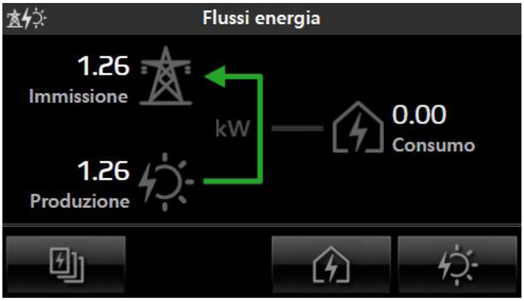
1.26 Consumo

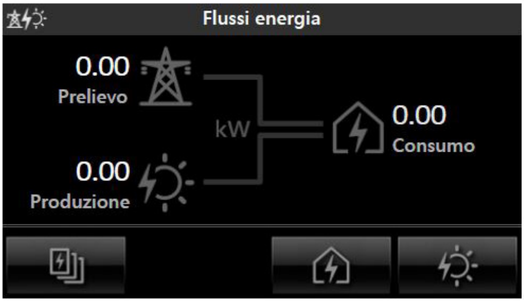
Energy monitoring


Flussi energia
1.16
Immissione
kW
1.26
Consumo
2.42
Produzione

Conversely, the following screens illustrate situations that are shown less frequently:


Flussi energia
0.00
Prelievo
kW
1.26
Consumo
1.26
Produzione


Flussi energia
1.26
Immissione
kW
0.00
Consumo
1.26
Produzione

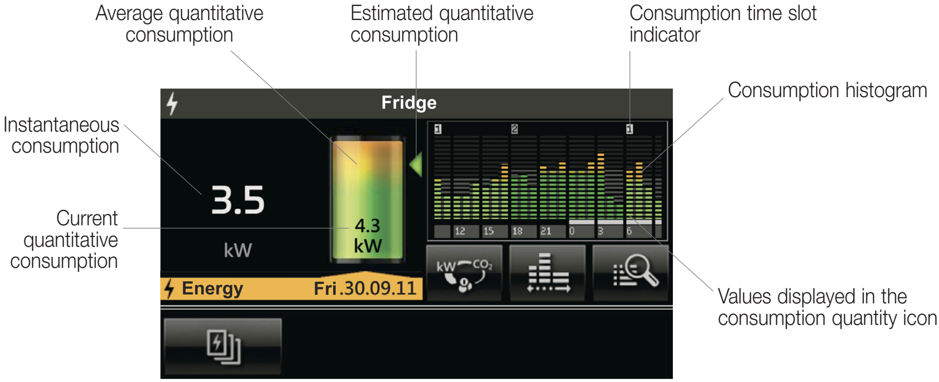

Flussi energia
0.00
Prelievo
kW
0.00
Consumo
0.00
Produzione

8.5 SINGLE LOAD CONSUMPTION

From the consumption monitoring menu (chapter 8), tapping the icon of the desired load (e.g. **Fridge**) brings up the screen (quite similar to that for global consumption) for viewing and managing power consumption with:

- an indication of the instantaneous power in W or CO_2 or cost in euro;
- an indication of the accumulated energy in kW/h or CO_2 or cost in euro;
- a bar chart of the accumulated energy in kW/h subdivided by day/week/month/year.

Green indicates a value below the average, the intermediate green/orange indicates the last mark before reaching the average value, orange a value above the average and the grey background indicates the average.


Average quantitative consumption
Estimated quantitative consumption
Consumption time slot indicator
Consumption histogram
Instantaneous consumption
Current quantitative consumption
Values displayed in the consumption quantity icon
Fridge
3.5
kW
4.3
kW
1
2
1
12
15
18
21
0
3
6
Energy
Fri.30.09.11
kW
CO₂

Energy monitoring

Dynamic Mode: Pressing the area that displays the instantaneous power for 2 min after the reading of the will value every 2 s thus increasing the frequency of update of the data represented. At the end of 2 min, the reading will repeat every 30 seconds until an eventual new pressure.

- By tapping the KW—CO₂ € icon you can select the unit of measurement with which the touch screen will display the load power consumption. The graph of the consumption will however always be shown in kW.

- By tapping the icon you can set the time scale (hours, days, weeks, months) for measuring the consumption.

The quantitative consumption displayed is:

- **daily** if the time scale set for the consumption histogram is in hours;
- **weekly** if the time scale set for the consumption histogram is in days;
- **monthly** if the time scale set for the consumption histogram is in weeks;
- **yearly** if the time scale set for the consumption histogram is in months.

The parts of the histogram highlighted at the bottom by a white line represent the values displayed in the quantitative consumption icon.

- Tapping the icon displays the detailed consumption screens according to the set unit of measurement and time scale.

The pages detailing single load consumption show:

- the average hourly consumption per time slot (in kW and percentage) with the relevant total;
- the estimated total daily consumption subdivided by time slot (in kW and percentage) with the relevant total;
- the hourly consumption (daily/weekly/monthly) measured in kW with an indication of the time slot.

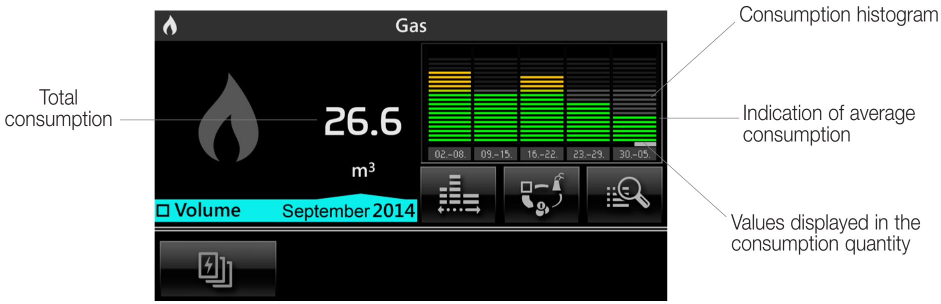
- The 1234 0↵ icon is used to clear the data displayed on the screen.

8.6 PULSE COUNTER

From the consumption monitoring menu (chapter 8), tapping the **Pulse Counter** icon takes you to the screen for viewing and managing the consumption of utilities such as Water, Gas, etc. with:

- an indication of the overall consumption;
- a bar chart of the consumption or cost in euro subdivided by day/week/month/year;

Green indicates a value below the average, the intermediate green/orange indicates the last mark before reaching the average value, orange a value above the average and the grey background indicates the average.



Consumption histogram

Total consumption

Indication of average consumption

Values displayed in the consumption quantity

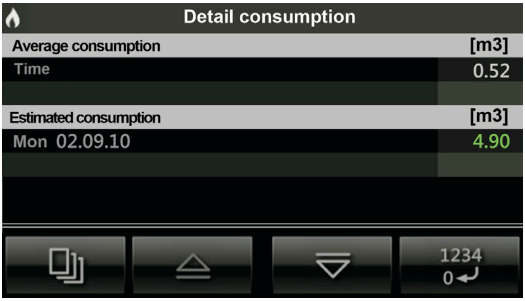
Energy monitoring

- By tapping the icon you can set the type of measurement with which the touch screen shows the data (consumption in m^3, cost in euro);

- By tapping the icon you can set the time scale (hours, days, weeks, months) for measuring the consumption.

The quantitative consumption displayed is:
- **daily** if the time scale set for the histogram is in hours;
- **weekly** if the time scale set for the histogram is in days;
- **monthly** if the time scale set for the histogram is in weeks;
- **yearly** if the time scale set for the histogram is in months.

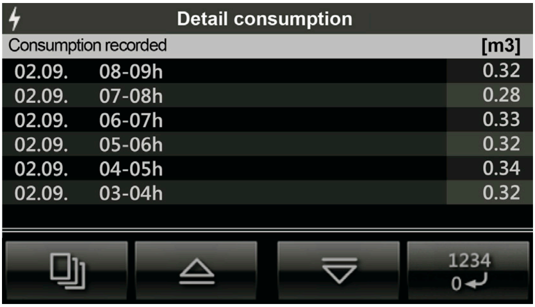
- Tapping the icon displays the detailed consumption screens according to the set unit of measurement and time scale.



Detail consumption

Average consumption	[m3]
Time	0.52

Estimated consumption	[m3]
Mon 02.09.10	4.90



Detail consumption

Consumption recorded		[m3]
02.09.	08-09h	0.32
02.09.	07-08h	0.28
02.09.	06-07h	0.33
02.09.	05-06h	0.32
02.09.	04-05h	0.34
02.09.	03-04h	0.32

The detail pages show:

- the average hourly (or daily/weekly/monthly) consumption;

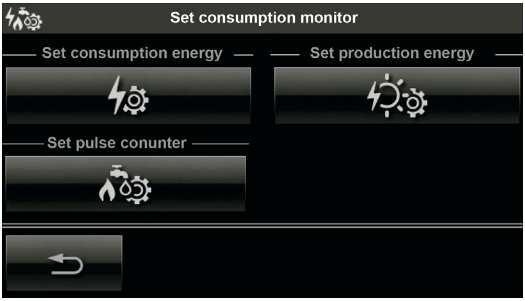
- the estimated daily (or weekly/monthly/yearly) consumption in m^3;

- the hourly (or daily/weekly/monthly) consumption in m^3.

- The 1234 0 icon is used to clear the data displayed on the screen.

8.7 SETTINGS

From the main menu, by tapping the icon you access the Settings menu; then by tapping the icon you access the menu for selecting the parameters related to the type of consumption/production.



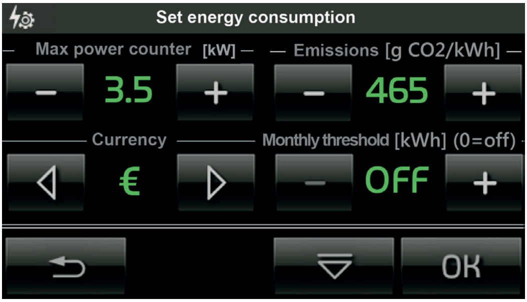
8.7.1 POWER CONSUMPTION SETTINGS

- By tapping the icon you access the screens for selecting the parameters related to the type of contract used (the number and type of settings varies depending on the type of contract).

■ CONTRACT WITH ONE TIME SLOT

In the case of a contract with only one time slot, there are two setting screens, the parameters that can be entered with the ◁ , ▷ , − and + icons are:

- Maximum meter power (kW)
- Emissions of carbon dioxide (g CO_2/kWh)
- The currency for the calculation of the cost
- Monthly threshold (set in OFF)
- Amount/kWh Time Slot 1 (to be set)
- Amount/kWh Time Slot 2 (to be set in OFF)
- Amount/kWh Time Slot 3 (to be set in OFF)


Set energy consumption

Max power counter [kW]: 3.5

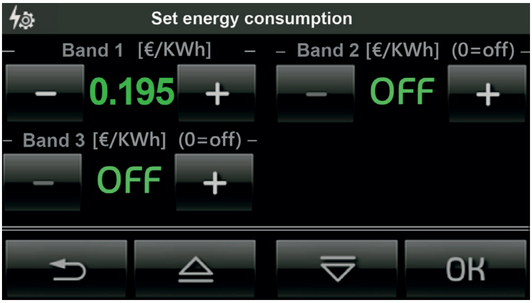
Emissions [g CO2/kWh]: 465

Currency: €

Monthly threshold [kWh] (0=off): OFF

Energy monitoring

- Tap the ▽ icon and, using − and +, set the currency and cost of the electric energy in Time Slot 1.



Band 1 [€/KWh] 0.195

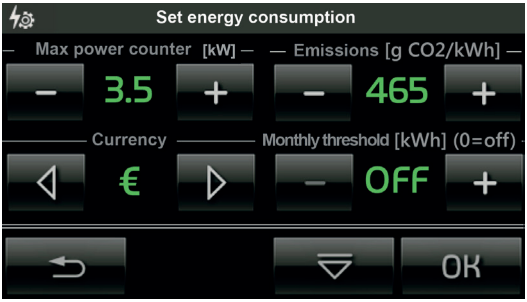
Band 2 [€/KWh] (0=off) OFF

Band 3 [€/KWh] (0=off) OFF

■ CONTRACT WITH TWO TIME SLOTS

In the case of a contract with two time slots, the screens are similar to those of the contract with 1 time slot. They are then followed by those for assigning the time slots to the days of the week. The parameters that can be entered with the ◁ , ▷ , − and + icons are:

- Maximum meter power (kW)
- Emissions of carbon dioxide (g CO_2/kWh)
- The currency for the calculation of the cost
- Monthly threshold (set in OFF)
- Amount/kWh Time Slot 1 (to be set)
- Amount/kWh Time Slot 2 (to be set)
- Amount/kWh Time Slot 3 (to be set in OFF)



Max power counter [kW] 3.5

Emissions [g CO2/kWh] 465

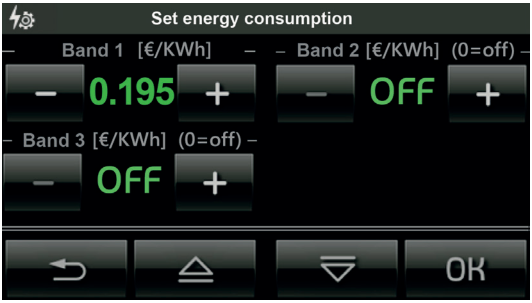
Currency €

Monthly threshold [kWh] (0=off) OFF

Energy monitoring

The screen for setting the monthly threshold must be disabled.

- Tap the ▽ icon and, using − and +, set the currency and cost of the electric energy in Time Slot 1 and in Time Slot 2.



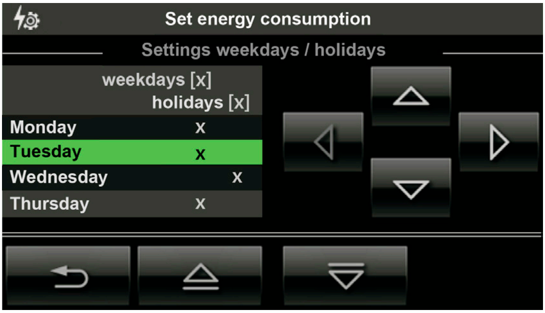
Set energy consumption

Band 1 [€/KWh]: 0.195

Band 2 [€/KWh] (0=off): OFF

Band 3 [€/KWh] (0=off): OFF

- Tap the ▽ icon to set the weekdays/holidays according to the time slots.



Set energy consumption

Settings weekdays / holidays

	weekdays [x]	holidays [x]
Monday	x	
Tuesday	x	
Wednesday		x
Thursday	x	

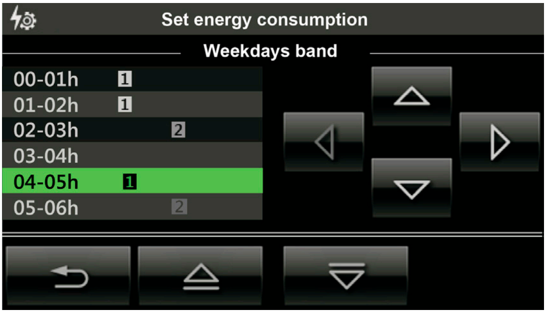
Tapping the △ and ▽ icons scrolls through the days while with ◁ and ▷ you set the selected day as a weekday or holiday.

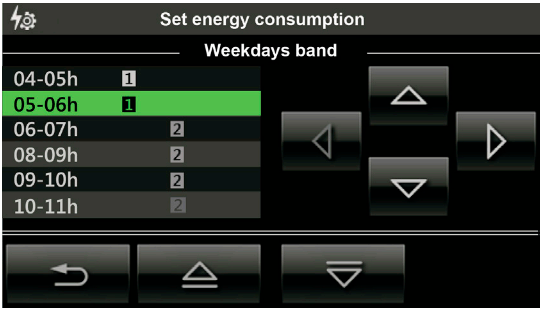
At this stage, using the ▽ icon, set the time slots associated with the weekdays (treated all together) and with the holidays (treated independently of the others).

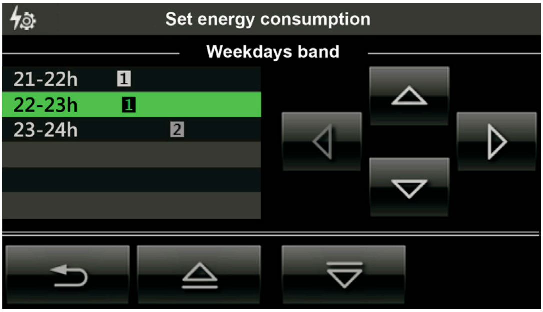
Energy monitoring

When setting the weekdays and holidays associated with the relevant time slots it is also possible with Copy to copy/paste the time slots as illustrated in the following example.

Example.
The following screens illustrate the association of the time slots related to the days of Friday and Sunday.


Set energy consumption
Weekdays band
00-01h 1
01-02h 1
02-03h 2
03-04h
04-05h 1
05-06h 2


Set energy consumption
Weekdays band
04-05h 1
05-06h 1
06-07h 2
08-09h 2
09-10h 2
10-11h 2


Set energy consumption
Weekdays band
21-22h 1
22-23h 1
23-24h 2

Energy monitoring

Tapping the △ and ▽ icons scrolls through the hours while with ◁ and ▷ you set the relevant time slot.
With the Copy ▽ icon you can copy the current time slot (highlighted with green) to the following hour.

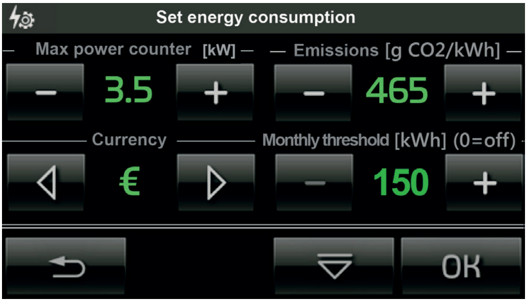
■ CONTRACT WITH THREE TIME SLOTS

The operations to carry out are absolutely identical to those illustrated for the contract with two time slots; in this case, obviously, it will be necessary to set also the cost of the electric energy for Time Slot 3.

■ THRESHOLD CONTRACT

In the case of a threshold contract, there are two setting screens, the parameters that can be entered with the ◁ , ▷ , − and + icons are:

- Maximum meter power (kW)
- Emissions of carbon dioxide (g CO_2/kWh)
- The currency for the calculation of the cost
- Monthly threshold (set kWh)
- Basic monthly price (€)
- Price above the threshold (€/kWh)



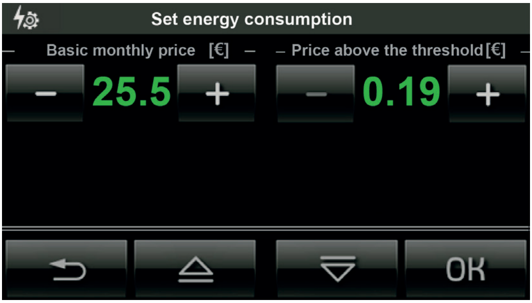
Max power counter [kW] 3.5

Emissions [g CO2/kWh] 465

Currency €

Monthly threshold [kWh] (0=off) 150

- Tap the ▽ icon and, using − and + , set the basic price and the price above the threshold.



Basic monthly price [€] 25.5

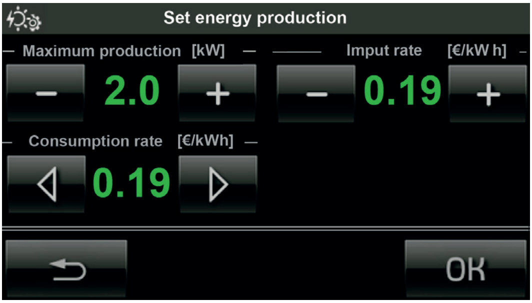
Price above the threshold [€] 0.19

8.7.2 POWER GENERATION SETTINGS

- By tapping the icon you access the screens for selecting the parameters related to the power generated by the system and delivered over the network.

The parameters that can be entered with the – and + icons are:

- Maximum production in kW
- Tariff for the energy introduced in €/kWh
- Tariff for the auto-consumed energy in €/kWh



Set energy production

Maximum production [kW] 2.0

Imput rate [€/kW h] 0.19

Consumption rate [€/kWh] 0.19

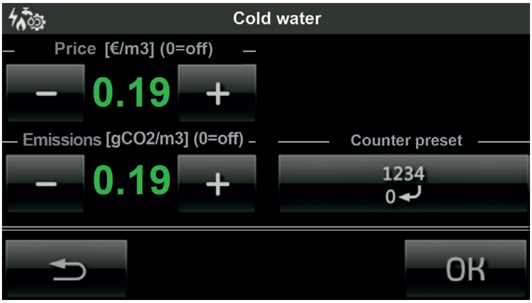
8.7.3 PULSE COUNTER SETTINGS

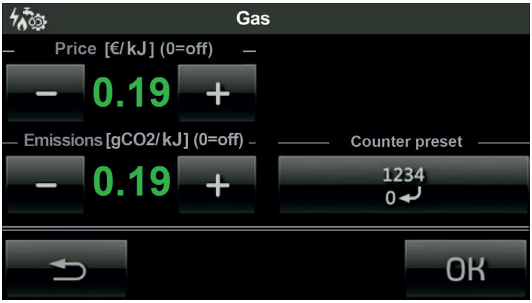
- By tapping the icon you access the screens for selecting the parameters related to the consumption of utilities such as, for example, Water, Gas, etc.

The parameters you can enter with the – and + icons, which depend on the service controlled each time, may be the following:

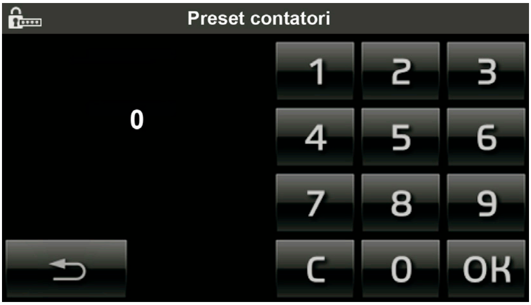
- Tariff for the consumption of water or gas in €/m^3
- Emissions of gCO2 linked to the consumption of water or gas in €/m^3
- Tariff for the consumption of gas in €/KJ
- Tariff for the consumption of gas in gCO$_2$/KJ

Energy monitoring


Cold water
Price [€/m3] (0=off)
–
0.19
+
Emissions [gCO2/m3] (0=off)
–
0.19
+
Counter preset
1234
0
OK


Gas
Price [€/kJ] (0=off)
–
0.19
+
Emissions [gCO2/kJ] (0=off)
–
0.19
+
Counter preset
1234
0
OK

- By tapping 1234 0 you can set the meter to a desired value


Preset contatori
0
1
2
3
4
5
6
7
8
9
C
0
OK

- Tapping OK confirms the setting and takes you back to the home screen of the power consumption menu.

9. LOGIC UNIT

The icon is displayed in the main menu when the system contains one or more logic units in which there are programs whose timing you can change.

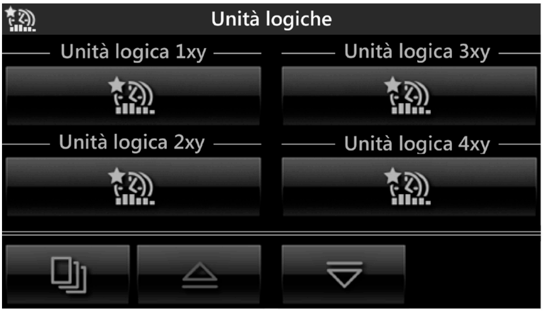
Whenever the main screen is accessed, the touchscreen displays the following information:

- number of programs;
- name of each program;
- number of timings for each program;
- type of each timing.

For each program you can:

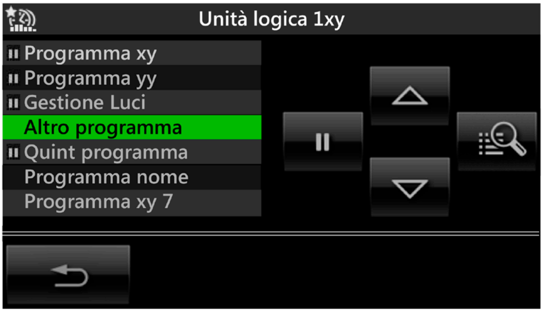
- view and change the status (▶ or ■ icons);
- view and if necessary change the timing (**a program can have more than one weekly/periodic/cyclic type of timing**).

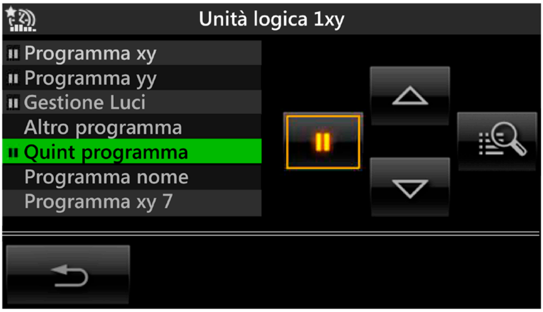
Tap the icon associated with the desired logic unit to access the screen displaying the list of programs it contains. The symbol to the left of the name indicates whether the program is paused (present) or playing (absent).



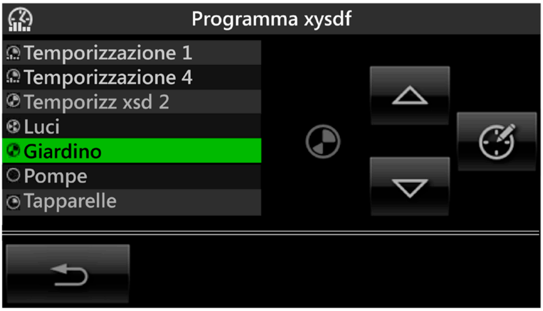
By tapping ⏸ you can change the current status of the program. If this icon is lit, the program is already in the paused state.

Logic unit


Unità logica 1xy
Programma xy
Programma yy
Gestione Luci
Altro programma
Quint programma
Programma nome
Programma xy 7


Unità logica 1xy
Programma xy
Programma yy
Gestione Luci
Altro programma
Quint programma
Programma nome
Programma xy 7

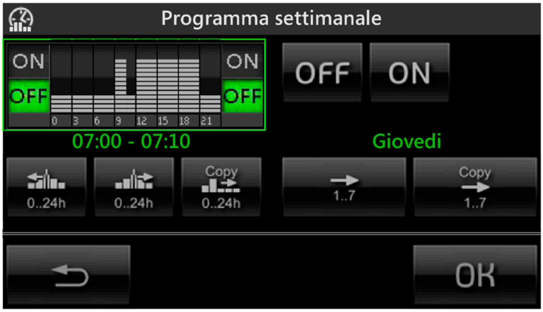
Tapping displays the screen with the list of the times of the selected current program; for example, the detail screen of a program in which there are many different types of timing is as follows:

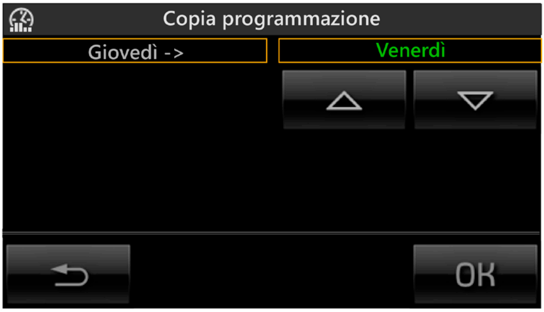

Programma xysdf
Temporizzazione 1
Temporizzazione 4
Temporizz xsd 2
Luci
Giardino
Pompe
Tapparelle

Logic unit

Use the △ and ▽ icons to scroll through the list of times while the symbol paired with each one of them is on the left next to its name and, on the screen, at top right.

Changing a **weekly timing**, which permits setting program activation, for each day of the week, at intervals of 10 minutes (minimum time), is done by touching ⏱ and is illustrated by the following screens:


Programma settimanale
ON
OFF
ON
OFF
0 3 6 9 12 15 18 21
07:00 - 07:10
OFF
ON
Giovedi
0..24h
0..24h
Copy
0..24h
1..7
Copy
1..7
OK


Copia programmazione
Giovedì ->
Venerdì
OK

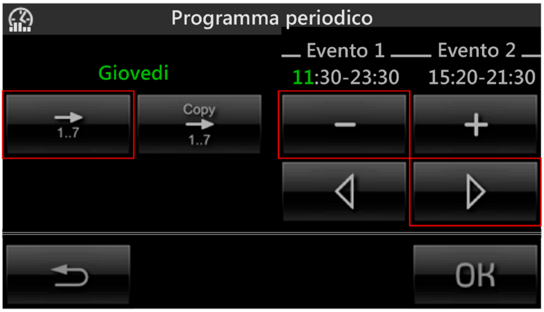
Touching 0..24h and 0..24h selects the desired range; the ON option activates the timing for 10 minutes while OFF deactivates it (the histogram will be updated).

The procedure must be repeated for all the ranges to be changed and lastly confirm with OK .

- To copy the setting of one range to another one/others, touch the Copy 0..24h icon.
- Select another day of the week by touching 1..7 and proceed as above; using Copy 1..7 it is possible to assign the day displayed with the weekly clock of any other day of the week; select the day to copy from with △ and ▽ and confirm with OK.

Logic unit

Changing a **periodic timing**, which lets you activate and deactivate the event, is done by touching ⏱ and is illustrated by the following screens:



Programma periodico

Giovedi

Evento 1 11:30-23:30

Evento 2 15:20-21:30

- Tap ◁ and ▷ to select the event or the set status.

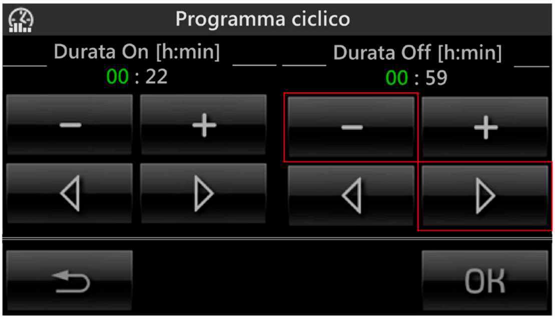
Touching + and − sets the beginning and end time of each of the 2 events or of just one.

N.B. To delete an event, set the end time so it coincides with or is prior to its starting time. Deleting Event 1 also deletes Event 2.

The procedure must be repeated for all the ranges to be changed and lastly confirm with OK .

- Select another day of the week by touching → 1..7 and proceed as above.
- The Copy → 1..7 icon enables copying the program of one day already set to another one still to be set; the procedure is similar to the one used for the weekly clock; select the day to copy with △ and ▽ and confirm with OK.

Changing a **cyclical timing**, which lets you cyclically repeat switching an event on/off according to the set duration and independently of the day, date and time, is done by touching ⏱ and is illustrated by the following screenshot:



Programma ciclico

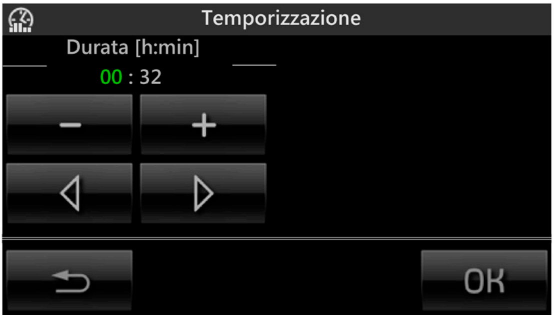
Durata On [h:min] 00 : 22

Durata Off [h:min] 00 : 59

- Set the ON duration (h:min) with + and −.
- In a similar manner, set the OFF duration (h:min).

At the end, confirm the settings made by touching OK.

Changing a **Timing** lets you set the control duration in hours and minutes; this function must always be linked to 1 or 2 inputs and 1 or 2 output groups through an On-Off or Off-On type message.
The change is made by tapping ⏱ and is illustrated by the following screenshot:



Temporizzazione

Durata [h:min]

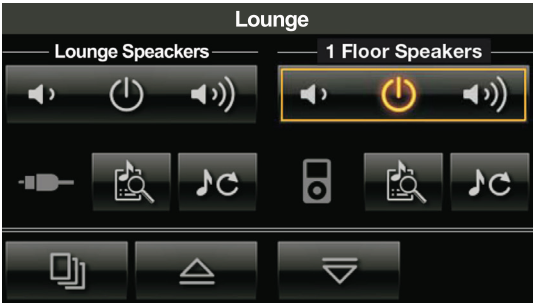
00 : 32

- Set the duration (h:min) with + and −.

At the end, confirm the settings made by touching OK.

10. SPEAKER SYSTEM.

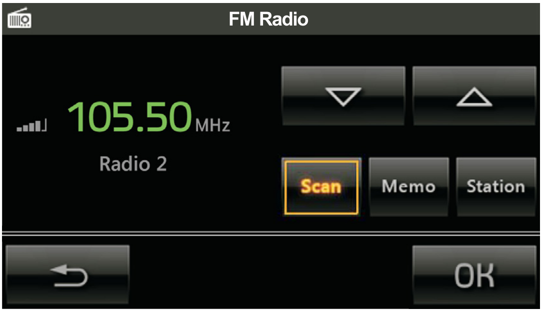
If the By-me system contains the speaker system and an audio zone is included on a page of the touchscreen, the screen displayed will be similar to the one shown below.


Lounge
Lounge Speackers
1 Floor Speakers

This screen **is used to control switching the audio zone on/off** and adjusting the volume.

- Touching the icons in 🔉 , ⏻, and 🔊 is performed respectively: the decrease of the volume, turn off and the increase in the volume of the audio signal in the area associated
- Touching ♪C changes the channel for listening to the speaker system (changing the audio source).
- The 📻 icon displays the type of source being listened to (in this case the transmitter 01900).
- Touching 🔍 displays the control screen of the active source.

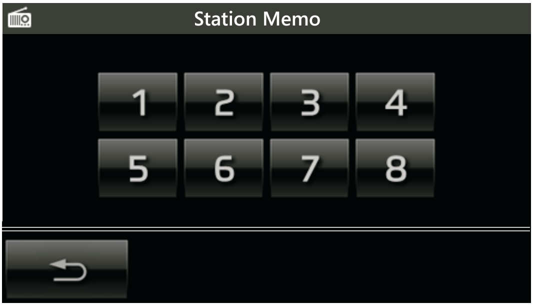
The **FM radio control** screen for the speaker system is the following:


FM Radio
105.50 MHz
Radio 2
Scan
Memo
Station
OK

The screen displays all the relevant information on the tuned frequency, at the level of signal reception, and any RDS text broadcast by the station you are listening to.

The icons Scan, Station and Memo enable setting the method of selecting the station you want to listen to:

- By touching Scan it is possible to use the ▽ △ icons to find the previous station or the next one that the radio is able to receive.
- By touching Station it is possible to use the ▽ △ icons to select the previous or next station saved on the radio (it is in fact possible to save up to 8 different stations).
- By touching Memo it is possible to display the screen for saving the active broadcaster to one of the 8 stations that can be saved:



On this screen, by touching one of the 8 icons, it is possible to save the active broadcaster to the corresponding memory then automatically return to the previous screen.

10.1 CONTROL FOR iPOD, iPHONE AND AUXILIARY SOURCES

If the sound system includes a Docking Station, by using the touch screen you can control:
- Apple devices (iPod/iPhone);
- auxiliary stereo sources.

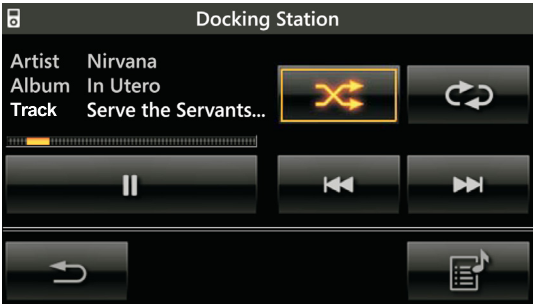
Auxiliary stereo sources are connected to the Docking Station with the jack on its base; this input takes priority over any Apple device connected to the Docking Station and therefore the iPod/iPhone can only be controlled when there is no auxiliary source.
When the Apple device is connected, the zone page displays the button to access Docking Station control (central button, next to the icon representing the device) thus providing access to the Playback menu.

■ PLAYBACK MENU

The Playback menu is displayed in two separate forms depending on whether the device is enabled for remote control.

Playback menu with remote control enabled

In this case, on touching the **Details button on** the zone page, the touch screen will display the **Playback menu** that provides information on the operating status of the Apple device and its control.



Docking Station

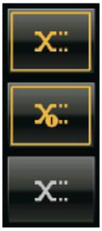
Artist Nirvana
Album In Utero
Track Serve the Servants...

The three above screens illustrate respectively:

- the playback status of a track and the selection made for the **shuffle** or **repeat option** (in this case shuffle);
- the pause status in which the properties of the track being played are always visible;
- the stop playback status of the track.

The playback options, indicated with **shuffle** and **repeat**, can each have three different statuses:

- **Shuffle.**

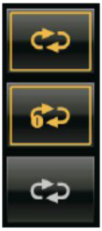


Albums status: plays the albums in the playlist in random order

Tracks status: plays the tracks in the playlist in random order

Off status: Shuffle option not activated

- **Repeat.**



All Tracks status: repeats the playlist cyclically

One Track status: plays the track now playing continuously

Off status: Repeat option not activated

With the playback menu it is therefore possible to:

- select track play/pause (icons ▶ and ⏸);
- shift playback to the previous track or the next one (icons ⏭ and ⏮);
- cyclically vary the **Shuffle** and **Repeat** (icons 🔀 and 🔁);
- access the device navigation menu (incon ♫);
- exit the Playback menu and view the zone menu (icon ↩).

Playback menu with remote control disabled

When the remote control is not enabled, the display will no longer show:

- the words identifying the Artist, Album and Track;
- the Shuffle and Repeat options;
- access to the device navigation menu.

With the remote control disabled, it is possible to control only the play/pause status of the track now playing and to control the skip forward and back.

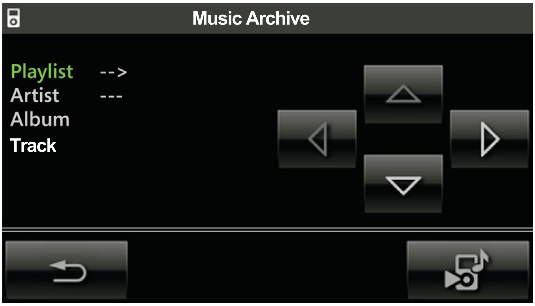
■ NAVIGATION MENU

The navigation menu, accessible by touching the icon ♫ of the Playback menu, enables browsing the database of the device connected to the Docking Station and editing the playlist currently being used.

The navigation menu screens are generally composed of:

- up to four words corresponding to Playlist, Artist, Album and Track;
- four navigation buttons (icons △, ▽ , ◁ and ▷);
- one confirmation button (icon ▶);
- one button to exit the navigation menu (icon ↩).

Browsing through the database enables selecting the category of Playlist or Artist on the following screens:



The current category is highlighted in green and, depending on the one selected, the only icons selected will be the ones for making the correlated moves.

For example: on "Playlist" touch the ▽ icon to enter "Artist", then touching ▷ displays the list of artists saved on the iPod/iPhone.

Access from Playlist category

Browsing through this category enables selecting one of the playlists saved on the iPod/iPhone and selecting the track in the playlist from where to start playing.
When accessing the Playlist category (left screen), the corresponding field will show the wording of the first item in this category saved on the Apple device.
The dotted line indicates the possibility of continuing to browse within the Tracks category; the confirmation button is enabled (icon ▶ to start playing the selected playlist, automatically returning to the playback menu.

On the screen with the Playlist category browsable, the △ button has different graphics and enables returning to the category selection screen (Playlist, Artist).

The ↩ button is always active and enables returning to the playback menu without changing the current track playback status.

Access from Artist category

Browsing through this category enables selecting one of the artists saved on the iPod/iPhone and then selecting the album and the track (of the selected artist) from where to start playing.
When accessing the Artist category (left screen), the corresponding field will show the wording of the first item in this category saved on the Apple device.
The dotted line indicates the possibility of continuing to browse within the Album and Tracks categories; the confirmation button is enabled (icon ▶) to start playing the active selection, automatically returning to the playback menu.

It is then possible to play all the content relating to a specific artist, to a specific album and lastly it is possible to choose the track with which to begin playing the album.

On the screen with the Artist category browsable, the △ button has different graphics and enables returning to the category selection screen (Playlist, Artist).

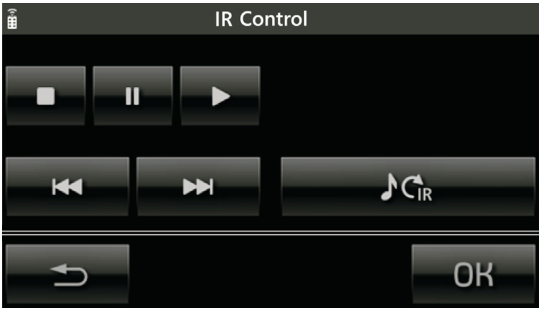
The ↩ button is always active and enables returning to the playback menu without changing the current track playback status.

10.2 CONTROL FOR RCA TRANSMITTER WITH IR INTERFACE

When a transmitter is configured together with an IR interface on an audio zone, it is possible to control the sound source connected to the transmitter by means of its RCA input.

The screen relating to this zone will show the icon for accessing the Details page associated with the transmitter.

The screen for controlling the RCA transmitter associated with the IR interface is the following:



On this screen it is possible to:

- select the play/pause/stop status of the source playback (icons ▶, ⏸ and ■);
- shift playback to the track or to the previous or next one saved (icons ⏮ and ⏭);
- cyclically vary the internal source of the controlled device (icon ♪↻).

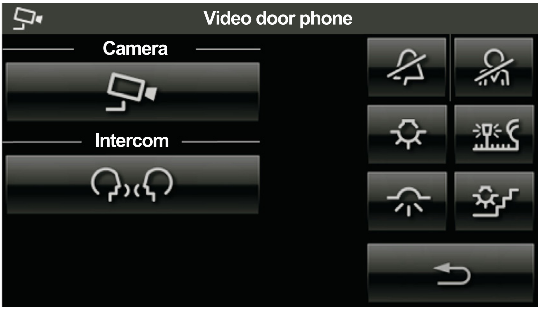
For these controls to be usable it is necessary for the installer, in the programming phase, to have appropriately configured them within the IR interface.

From the above screen it is always possible to return to the zone menu by touching ↩ or OK.

11. VIDEO DOOR ENTRY

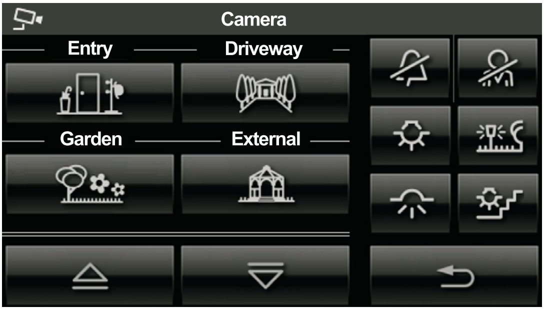
In the case where the touch screen is also used as internal video (integrated in the By-me system or in the implant only Two Wires) can be managed also all the functions of the video entry.

From the main menu by touching icon , you enter the screen management functions configured video entry.

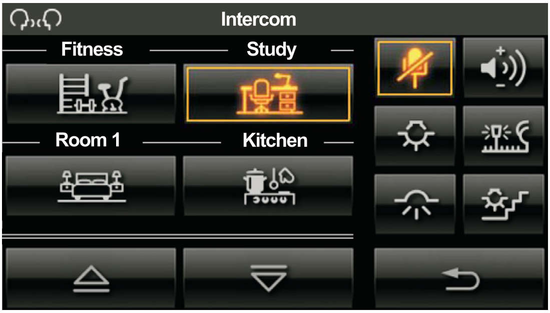


Through the screen **Video door phone** you can view and communicate with the person who made the call and make an electric opening, the lights stairs, effuttuare intercom calls to other telephones and videophones, activate autoaccensioni for environmental control, etc..

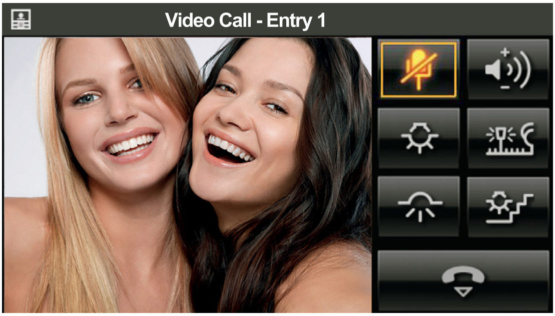
For example, touching the or icons screens will display dedicated to the management of the selected function.



Video door entry

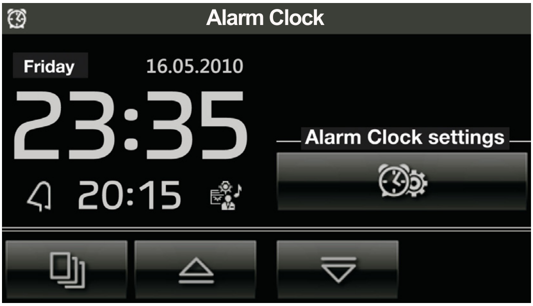

Intercom
Fitness
Study
Room 1
Kitchen

In the event that a call arrives from the external, the video display touch the image of someone who made it to the right and the icons will be placed management such as lights, volume, etc..


Video Call - Entry 1

12. ALARM CLOCK

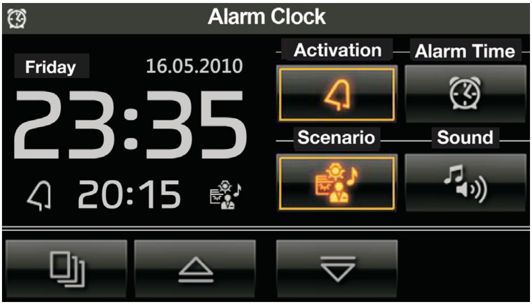
When combined with the speaker system, the touchscreen can also function as an **alarm clock**.
The alarm clock control/setting screen is the following:


Alarm Clock
Friday
16.05.2010
23:35
20:15
Alarm Clock settings

The touchscreen displays the following alarm clock settings:

- alarm clock on/off;
- activation time;
- scenario actuation/audio zone actuation.

• Touching ⏰ displays the alarm clock setting screen:


Alarm Clock
Friday
16.05.2010
23:35
20:15
Activation
Alarm Time
Scenario
Sound

On this screen it is possible to:

• enable/disable the alarm clock via the 🔔 icon;

• set the time via the ⏰ icon;

• select whether the alarm clock will activate a scenario (icon ☀) or simply switch on the audio zone (icon ♫).

Alarm clock operation.
When the time of day coincides with the time set on the alarm clock, the touchscreen switches on to display the relevant screen and the system activates the selected audio zone or scenario.

The **Snooze** function is available whenever the alarm clock is activated and it can only be used until the following intervention of the screensaver; in this case, touching the touchscreen at any point temporarily deactivates the audio zone associated with the alarm clock (even if the scenario output is selected) and **will be reactivated after 8 minutes** (this applies to each activation of the "Snooze" function).

If the "Snooze" function is not used, the alarm clock will not reactivate the audio zone (which can be switched off with the normal By-me controls, with the touchscreen or with a scenario) but remains set to activate on the following day at the same time.

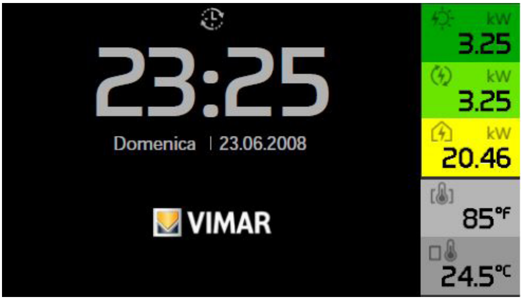
13. SCREEN SAVER.

Tap and hold your finger on the icon representing the title of some pages such as, for example, the main menu, the pages of the rooms, the main pages of the burglar alarm and those of load control, to view the screen that allows you to choose whether to set the selected page as your favourite page or as a screensaver.

Once you see the screen that you want to set as your "favourite" and you tap and hold your finger on the title of this page (e.g., "room selection"), you have the following options for selecting the screensaver:

- approximately 2 minutes after tapping the icon on "As Favourite Page" switches off the touch screen and displays the date and time.
- approximately a minute after tapping the icon on "As Screensaver" loads the favourite page, regardless of the location in the menus, and lowers the backlighting of the touch screen to the value set as "Standby Backlighting".

Note: When present, the screensaver will display the local temperature measured by the probe and the value of energy produced, total consumed and self-consumed.



14. CLEANING OF TOUCH SCREEN.

Clean periodically the touch screen with soft and dry cloth. Do not use solvents and detergents.

15. COMPLIANCE WITH REGULATIONS.

EMC directive. Standard EN 50428.

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